# OAKLAND UNIVERSITY 

## Volume 2

## College of Arts and Sciences (CAS part 2)

## 2019-2020 <br> UNDERGRADUATE CATALOG

May 2019 Volume LIX

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The academic requirements described in this catalog are in effect fall semester 2019 through summer semester 2025. Undergraduate students admitted to a degree-granting program may use provisions in this catalog to meet requirements within that time frame.

# School of Music, Theatre and Dance 

207 VARNER HALL
(248) 370-2030

Fax: (248) 370-2041

Associate Dean, College of Arts and Sciences, and Director, School of Music, Theatre and Dance: Amy Tully

## Associate Director: Kerro Knox

School Office: Manjit Gill, Budget Manager; Carly Uhrig, Marketing Manager; Danny DeRose, Recruitment and Outreach Coordinator; Elizabeth Medvinsky, Music preparatory Division Director; Sean DeLaney, Communications Associate.

Production Office:

Katherine Boersma, Production and Facilities Manager; Terry Herald, Audio/Video Services Manager; Megan Herald, Assistant Production and Facilities Manager; Emily Hadick; Box Office Manager.

Technical Support:

Joseph Beck, Theatre Technical Director; Christa Koerner, Costume Shop Manager; Chad Rasor, Assistant Technical Director; Shirleen DiFonzo, Costume Shop Assistant; Christy Heussner, Costume Shop Assistant; Cal Schwartz, Costume Shop Assistant.

Programs Offered

The School of Music, Theatre and Dance offers liberal arts programs in the performing arts, programs designed to prepare students for professional careers in the performing arts, and advanced programs designed to enhance and extend the professional knowledge of performing arts professionals.

In the liberal arts programs, a student can earn a Bachelor of Arts degree with a major in:

- music
- theatre
- dance
- dance education

Undergraduate professional preparation programs include:

- Bachelor of Fine Arts in dance
- Bachelof of Fine Arts in dance education
- Bachelor of Fine Arts in theatre with a major in acting
- Bachelor of Fine Arts in theatre with a major in musical theatre
- Bachelor of Fine Arts in theatre with a major in theatre design and technology
- Bachelor of Music in music education
- Bachelor of Music in music education and performance
- Bachelor of Music in piano pedagogy
- Bachelor of Music in piano performance, specialization in pedagogy
- Bachelor of Music with a major in voice, piano, or instrumental performance

Graduate programs for music professionals include a Doctor of Philosophy in music education and a Master of Music in performance, pedagogy, conducting or music education.

Non-degree programs include graduate certificates in performance, conducting or music education, performer's certificates in undergraduate and graduate piano, and liberal arts minors in music, theatre or dance, and minors in jazz studies and world music.

The school offers student performance opportunities in dramatic and musical theatre productions, dance performances, music ensembles and recitals. Most performance opportunities are open to all qualified students.

All programs offered by the School of Music, Theatre and Dance are accredited by the National Association of Schools of Music, the National Association of Schools of Theatre and the National Association of Schools of Dance.

Outreach, Partnerships and Opportunities

Affiliated professional organizations

Take Root (dance company in residence)
Eisenhower Dance (in residence)
Patterson Rhythm Pace Dance Company
Meadow Brook Theatre Ensemble Oakland Symphony Orchestra

Partners in the performing arts

Chamber Music Society of Detroit
Synergy on Stage
Oakland Youth Orchestras (OYO)
Oakland University Cooperative Orchestral Library (OUCOL)

Professional internship opportunities

Oakland Symphony Orchestra
Eisenhower Dance apprenticeships
Take Root apprenticeships
Meadow Brook Theatre Ensemble apprenticeships
Student Teaching in regional K-12 schools

Study abroad opportunities

Classical Theatre Study in Greece<br>Traditional Music and Dance in Ghana<br>Dance Study in Berlin, Germany

## Center for Applied Research in Musical Understanding

The mission of the Center for Applied Research in Musical Understanding (CARMU) is to:

- transform practice in music education;
- build and advance a research-based pedagogy of teaching for musical understanding;
- support preK-12 music educators in Michigan, the United States, and internationally;
- demonstrate how research informs professional practice in music education;
- seek national and international eminence in applied research in musical understanding at Oakland University;
- support faculty, graduate and undergraduate research in musical understanding.

The Center hosts biannual international conferences on music learning and teaching and publishes materials that support the work of music educators. Visit CARMU.

## Music Preparatory Division

The Department of Music offers programs to the community through the Music Preparatory Division (302 Varner Hall, 248-370-2034, musprep@oakland.edu). The Prep Division offers private studio lessons in voice, piano, guitar, and all orchestral instruments for elementary and secondary school students and adults as well as classes in music theory and early childhood music classes. The Music Prep Division also provides lessons for undergraduate students who wish to study an instrument or voice but do not have enough prior experience to study for college credit.

## School Honors and Awards

The school offers honors and awards for students, alumni, and community supporters. School honors are awarded for a combination of academic achievement (minimum 3.30 GPA), artistry in the major area of study and contribution to the operations of the department or school. Alumni Arts Achievement Awards are presented in dance, music and theatre. The school also awards a Distinguished Community Service Award and an Outstanding Student Service Award.

The Department of Music confers a Distinguished Musicianship Award as the department's highest honor in music and Outstanding Student Awards to students who distinguish themselves in performance, music education, chamber music and jazz. The Joyce Weintraub Adelson Memorial Award for Piano Ensemble honors the memory of an Oakland University piano instructor and the Jennifer Scott Memorial Award honors the memory of an Oakland University piano student.

The Department of Theatre confers Outstanding Student Awards in acting, musical theatre, theatre design and technology. The Gittlin Theatre and Gittlin Achievement Awards are scholarships offered to theatre students of promise and outstanding ability.

The Department of Dance confers a variety of awards, including Outstanding Student Awards in choreography and dance performance. Maggie Allesee Summer Study Awards provide students opportunity to study at summer dance workshops and festivals.

## Departments:

- Department of Dance
- Department of Theatre
- Department of Music


## Department of Dance

207 VARNER HALL (248) 370-2602
Fax: (248) 370-2041

Chairperson: Gregory Patterson

Professor emerita: Laurie Eisenhower

Associate Professor: Gregory Patterson, Thayer Jonutz, Alison Woerner

Assistant professors: Elizabeth Kattner-Ulrich

Special lecturers: Roberta Lucas, Stephanie Pizzo, Christina Tasco

Lecturers: Debra Bernstein-Siegel, Rebecca Crimmins, Jennifer Harge, Amanda Lehman, Elizabeth Riga, Ivonne Tapia

Dance accompanists: Vladimir Kalmsky, Mike List, Michael McCabe, Michael Shimmin Programs

Bachelor of Arts

- Dance, B.A.
- Dance Education, B.A.


## Bachelor of Fine Arts

- Dance, B.F.A.
- Dance Education and Performance, B.F.A.

Non-degree

- Dance Minor


## Dance, B.A.

Admission to the dance degree programs

Admission to the dance degree programs at Oakland University (OU) is a two-tiered process. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. The second step is the major standing audition, which determines whether students may continue in the program and which degree program they may pursue.

## Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the department website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

Students seeking admission to Oakland University as dance majors must audition for the dance faculty.

Students who audition and do not enroll within two semesters must re-audition.
Students who enroll and leave school for at least two semesters must re-audition.

Requirements for the liberal arts major in dance, B.A.

The B.A. degree in dance provides students with a broad-based specialization in dance within a liberal arts curriculum. Students develop their ability to write and speak clearly about dance and related subjects in the context of a broad-based specialization in dance within a liberal arts curriculum. Students develop their ability to write and speak clearly about dance and related subjects in the context of a broad education in sciences, humanities, social sciences and the arts. Students gain a global understanding of the context dance serves in society and are prepared to work in a variety of dance settings including but not limited to arts administration, establishing a dance school and other dancerelated businesses, as well as performance.

Students must successfully complete the performance production requirement, the events attendance requirement and the senior interview as described in the department's Undergraduate Dance Handbook available on the department website. Students should consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program. Only major courses in which a grade of at least $C$ has been earned will count towards the major. This degree programs requires a minimum of 124 credits.
Dance requirements - 74 credits (or placement)
Two semesters of each of the following:

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DAN 1100 - Ballet (2)
DAN 2100 - Ballet (2)
DAN 3100 - Ballet (2)
DAN 1110 - Modern Dance (3)
DAN 2110 - Modern Dance (3)
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DAN 3110 - Modern Dance (3)
Additional requirements

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DAN 1031 Dance Conditioning/Pilates Mat (1) or DAN }1032\mathrm{ Dance Conditioning/Pilates Reformer (1)
DAN 1500 - Dance Improvisation/Choreography I (2)
DAN 1373 - Dance History and Appreciation (4)
DAN 2640-Dance Production (2)
DAN 2500 - Choreography II (4)
DAN 3030- Kinesiology for the Dancer (4)
DAN 3450 - Creative Dance for Children (4)
DAN 3500 - Choreography III (4)
DAN 3380 - Contemporary Dance History: Revolution and Revisionism (4)
DAN 4625 - Issues and Trends in Dance (2)
DAN 4628-Opportunities and Careers in Dance (2)
DAN 4441 - Dance Pedagogy (4)
MUS 1207 - Basic Musicianship for Dancers (2)
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Five credits selected from

DAN 3700 - Oakland Dance Theatre (1)
DAN 4700 - Repertory Dance Company (1)
DAN 4998 - Apprenticeship (4)
Non-credit requirements

Freshman Seminar
Major standing
Senior interview
Performance production requirement
Events attendance requirement

## Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124 ; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Dance Education, B.A.

Requirements for the liberal arts major in dance education, B.A.
Admission to the dance degree programs

Admission to the dance degree programs at Oakland University (OU) is a two-tiered process. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. The second step is the major standing audition, which determines whether students may continue in the program, and which degree program they may pursue.
Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the department website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

Students seeking admission to Oakland University as dance majors must audition for the dance faculty.

Students who audition and do not enroll within two semesters must re-audition.
Students who enroll and leave school for at least two semesters must re-audition.

This degree is for students who wish a broad general education as a dance teacher, without a high degree of specialization in dance. Students must successfully complete the performance production requirement, the events attendance requirement and the senior interview as described in the department's Undergraduate Dance Handbook available on the department website. Students should consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program.

Only major courses in which a grade of $C$ has been earned will count towards the major. Only professional education courses in which a grade of B has been earned will count towards teacher certification.

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Dance requirements - 74 credits (or placement)
Two semesters of each of the following (or placement)
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    DAN 1100 - Ballet (2) ( 2 credits per semester, 4 credits total)
    DAN 2100 - Ballet (2) ( 2 credits per semester, 4 credits total)
    DAN 3100 - Ballet (2) (2 credits per semester, 4 credits total)
    DAN 1110 - Modern Dance (3) (3 credits per semester, 6 credits total)
    DAN 2110 - Modern Dance (3) (3 credits per semester, 6 credits total)
    DAN 3110 - Modern Dance (3) (3 credits per semester, 6 credits total)
    Additional requirements

DAN 1031 Dance Conditioning/Pilates Mat (1) or DAN 1032 Dance Conditioning/Pilates Reformer (1)
DAN 1373 - Dance History and Appreciation (4)
DAN 1375 - Dance in American Culture (4)
DAN 1500 - Dance Improvisation/Choreography I (2)
DAN 2500 - Choreography II (4)
DAN 2640 - Dance Production (2)
DAN 3030 - Kinesiology for the Dancer (4)
DAN 3500 - Choreography III (4)

DAN 3380 - Contemporary Dance History: Revolution and Revisionism (4)
DAN 4625 - Issues and Trends in Dance (2)
DAN 4628 - Opportunities and Careers in Dance (2)
DAN 4441 - Dance Pedagogy (4)
MUS 1207 - Basic Musicianship for Dancers (2)

Five credits selected from

DAN 3700 Oakland Dance Theatre (1)
DAN 4700 Repertory Dance Company (1)
DAN 4998 Apprenticeship (1-4)

Dance education requirements
DAN 2440 - Learning and Teaching Dance (1)
DAN 2441 - Educational Psychology and Dance Learning (3)
DAN 3440 - Teaching Dance to Pre-K-5 Learners (3)
DAN 3441 - Teaching Dance in Secondary Schools (3)
RDG 4238 - Teaching Reading in the Content Areas (4)
SE 4401 - Introduction to Students with Special Needs (4)
SED 4951 Internship I: Pre-Student Teaching (4)
SED 4952 Internship in Secondary Education (8)

Non-credit requirements

Freshman Seminar
Major standing
Senior interview
Performance production requirement
Events attendance requirement

## Dance, B.F.A.

Admission to the dance degree programs

Admission to the dance degree programs at Oakland University (OU) is a two-tiered process. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. The second step is the major standing audition, which determines whether students may continue in the program, and which degree program they may pursue.
Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the department website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

Students seeking admission to Oakland University as dance majors must audition for the dance faculty.

Students who audition and do not enroll within two semesters must re-audition.
Students who enroll and leave school for at least two semesters must re-audition.

Requirements for the major in dance, B.F.A.

The Bachelor of Fine Arts degree is intended for students who wish pre-professional and professional preparation in dance. The B.F.A. program is designed for students who wish to concentrate on performance and choreography. Grounded in a contemporary dance aesthetic informed by traditional/classical modern dance principles, our unique program aims to produce top-notch performers and choreographers through progressive study of technique, kinesiology, pedagogy, choreography and somatic principles. Professionally experienced faculty teach through an innovative curriculum to produce highly skilled and well prepared graduates for the dance field.

Students must successfully complete the performance production requirement, the events attendance requirement and the senior interview as described in the department's Undergraduate Dance Handbook available on the department website. Students should consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program. Only major courses in which a grade of $C$ has been earned will count towards the major. Dance Requirements - 92 credits (or placement)
Two semesters of each of the following (or placement)

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DAN 1100 - Ballet (2)
DAN 2100 - Ballet (2)
DAN 3100 - Ballet (2)
DAN 4100 - Ballet (2)
DAN 1110 - Modern Dance (3)
DAN 2110 - Modern Dance (3)
DAN 3110 - Modern Dance (3)
DAN 4110 - Modern Dance (3)
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Required courses

DAN 1031 - Dance Conditioning/Pilates Mat (1) or DAN 1032 - Dance Conditioning/Pilates Reformer (1)

DAN 1500 - Dance Improvisation/Choreography I (2)
DAN 1373 - Dance History and Appreciation (4)
DAN 2640 - Dance Production (2)
DAN 2500 - Choreography II (4)
DAN 3030 - Kinesiology for the Dancer (4)
DAN 3450 - Creative Dance for Children (4)
DAN 3500 - Choreography III (4)
DAN 3380 - Contemporary Dance History: Revolution and Revisionism (4)
DAN 4625 - Issues and Trends in Dance (2)
DAN 4628 - Opportunities and Careers in Dance (2)
DAN 4441 - Dance Pedagogy (4)
DAN 4500 - Senior Recital (2)
DAN 4501 - Senior Recital II (2)
MUS 1207 - Basic Musicianship for Dancers (2)

THA 1004 - Acting for Non-Theatre Majors (2)
Seven credits from the following courses
DAN 3700 - Oakland Dance Theatre (1)
DAN 4700 - Repertory Dance Company (1)
DAN 4998 - Apprenticeship (4)
Non-credit requirements
Freshman Seminar
Major standing
Senior interview
Performance production requirement
Events attendance requirement
Additional Information
In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124 ; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Dance Education and Performance, B.F.A.

Requirements for the major in dance education and performance, B.F.A.
Admission to the dance degree programs
Admission to the dance degree programs at Oakland University (OU) is a two-tiered process. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. The second step is the major standing audition, which determines whether students may continue in the program and which degree program they may pursue.
Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the department website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

Students seeking admission to Oakland University as dance majors must audition for the dance faculty.

Students who audition and do not enroll within two semesters must re-audition.
Students who enroll and leave school for at least two semesters must re-audition

The Bachelor of Fine Arts degree is intended for students who wish pre-professional and professional preparation in dance as a dance teacher. Students must successfully complete the performance production requirement, the events attendance requirement and the senior interview as described in the department's Undergraduate Dance Handbook available on the department website. Students should consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program.

Only major courses in which a grade of C has been earned will count towards the major. Only professional education courses in which a grade of $B$ has been earned will count towards teacher certification.
Dance Requirements - 92 credits (or placement)
Two semesters of each of the following (or placement)
DAN 1100 - Ballet (2) ( 2 credits per semester, 4 credits total)
DAN 2100 - Ballet (2) ( 2 credits per semester, 4 credits total)
DAN 3100 - Ballet (2) ( 2 credits per semester, 4 credits total) ( 3 credits per semester, 6 credits total)
DAN 4100 - Ballet (2) ( 2 credits per semester, 4 credits total)
DAN 1110 - Modern Dance (3) (3 credits per semester, 6 credits total)
DAN 2110 - Modern Dance (3) (3 credits per semester, 6 credits total)
DAN 3110 - Modern Dance (3) (3 credits per semester, 6 credits total)
DAN 4110 - Modern Dance (3) (3 credits per semester, 6 credits total)

Required courses

DAN 1031 Dance Conditioning/Pilates Mat (1) or DAN 1032 Dance Conditioning/Pilates Reformer (1)
DAN 1373 - Dance History and Appreciation (4)
DAN 1375 - Dance in American Culture (4)
DAN 1500 - Dance Improvisation/Choreography I (2)
DAN 2500 - Choreography II (4)
DAN 2640 - Dance Production (2)
DAN 3030 - Kinesiology for the Dancer (4)
DAN 3500 - Choreography III (4)
DAN 3380 - Contemporary Dance History: Revolution and Revisionism (4)
DAN 4625 - Issues and Trends in Dance (2)
DAN 4628 - Opportunities and Careers in Dance (2)
DAN 4441 - Dance Pedagogy (4)
DAN 4500 - Senior Recital (2)
DAN 4501 - Senior Recital II (2)
MUS 1207 - Basic Musicianship for Dancers (2)
THA 1004 - Acting for Non-Theatre Majors (2)

Seven credits from the following courses
DAN 3700 Oakland Dance Theatre (1)
DAN 4700 Repertory Dance Company (1)
DAN 4998 Apprenticeship (1-4)

Dance education requirements

DAN 2440 - Learning and Teaching Dance (1)
DAN 2441 - Educational Psychology and Dance Learning (3)
DAN 3440 - Teaching Dance to Pre-K-5 Learners (3)
DAN 3441 - Teaching Dance in Secondary Schools (3)
RDG 4238 - Teaching Reading in the Content Areas (4)
SE 4401 - Introduction to Students with Special Needs (4)
SED 4951 Internship I: Pre-Student Teaching (4)
SED 4952 Internship in Secondary Education (8)

## Non-credit requirements

Freshman Seminar
Major standing
Senior interview
Performance production requirement
Events attendance requirement

## Dance Minor

Requirements for the liberal arts minor in dance

To earn a minor in dance, students must complete a minimum of 20 credits including:

1. Required courses (10 credits)

DAN 1500 - Dance Improvisation/Choreography I (2)
DAN 1373 - Dance History and Appreciation (4)
DAN 2500 - Choreography II (4)
2. One course selected from

DAN 3030 - Kinesiology for the Dancer (4)
DAN 3500 - Choreography III (4)
3. Six credits from any other DAN courses

## Courses

DAN 1003 - Fundamentals of Ballet Technique I (2)
Fundamental techniques of classical ballet. Designed for students with little or no ballet training. May be repeated.

DAN 1006 - Fundamentals of Tap (2)
Fundamental tap class designed for students with little or no tap training. May be repeated.

DAN 1013 - Fundamentals of Modern Techniques (2)
Fundamental techniques of modern dance. Designed for students with little or no dance training. May be repeated.

DAN 1031 - Dance Conditioning/Pilates Mat (1)
Focus on building body strength, flexibility, endurance, and coordination without adding muscle bulk by utilizing the Pilates technique. Open to all levels.

DAN 1032 - Dance Conditioning/Pilates Reformer (1)
Focus on building body strength, flexibility, endurance, and coordination without adding muscle bulk by utilizing the Pilates technique. A Pilates Reformer is used to incorporate spring resistance exercises. Open to all levels. Prerequisite(s): permission of instructor.

DAN 1100 - Ballet (2)
Technique of classical ballet. Each course may be repeated.

DAN 1110 - Modern Dance (3)
Technique of modern dance. May be repeated for additional credit.

DAN 1220 - Jazz Dance (2)
Technique of jazz dance. Course may be repeated.

DAN 1240 - African Dance (2)
A participatory dance course that studies and performs traditional dances from different regions of Africa. Focus is on African dance techniques and the relationship between African dance and drumming. May be repeated for up to 8 credits.

DAN 1260 - Tap Dance I (2)
Technique of tap-dance. May be repeated.

DAN 1373 - Dance History and Appreciation (4)
An historical survey of the development of theatre dance in Western culture. Course materials presented through lecture, discussion, films, slides and viewing of live dance performances. Satisfies the university general education requirement in the arts knowledge exploration area.

DAN 1375 - Dance in American Culture (4)
Course surveys ethnic dance in America through lecture and demonstration. Dance guest artists/teachers representing different cultures will demonstrate and teach specific dance styles. The intent of the course is to aid students in understanding and appreciating ethnic diversity through dance. Satisfies the university general education requirement in the arts knowledge exploration area. Satisfies the university general education requirement in U.S. diversity.

DAN 1377 - Dance in Film (4)
Survey of dance in film, exploring the roots of the genre and its role in U.S. race relations in entertainment by examining the work of pivotal artists from silent films, the emergence of the movie musical, and the Golden Age of Hollywood, to MTV and online music video releases. Satisfies the university general education requirement in the arts knowledge exploration area. Satisfies the university general education requirements in U.S. Diversity.

DAN 1500 - Dance Improvisation/Choreography I (2)

An exploration of movement through improvisation. Students will develop their own movements through dance ideas and problem solving.

DAN 2003 - Fundamentals of Ballet Technique II (2)
Fundamental techniques of classical ballet; continuation of DAN 1003. Designed for beginning ballet students. May be repeated for up to 8 credits.
Prerequisite(s): DAN 1003

DAN 2100 - Ballet (2)
Technique of classical ballet. Each course may be repeated.
Prerequisite(s): DAN 1100

DAN 2110 - Modern Dance (3)
Technique of modern dance. May be repeated for additional credit.
Prerequisite(s): DAN 1110

DAN 2220 - Jazz Dance (2)
Technique of jazz dance. May be repeated.
Prerequisite(s): DAN 1220

DAN 2230 - Special Dance Techniques (2)
Participatory dance course designed to provide experiences with current trends in dance technique at the beginning or intermediate level. May be repeated for up to 8 credits.
Prerequisite(s): one dance course.

DAN 2260 - Tap Dance II (2)
Technique of tap dance. May be repeated.
Prerequisite(s): DAN 1260 or permission of instructor.

DAN 2299 - Dance Workshop (1 TO 4)
A workshop designed to give students opportunities for participation in a variety of dance experiences led by performing artists. Normally offered in the summer. Graded S/U. May be repeated for up to 16 credits.

DAN 2440 - Learning and Teaching Dance (1)
Introduction to the learning and teaching of dance in classroom settings.
Prerequisite(s): WRT 1060 with a grade of (B) or higher.

DAN 2441 - Educational Psychology and Dance Learning (3)
Theories of learning and their implications for and applications to dance education practice, including study of developmentalist, behaviorist, cognitivist, and constructivist theories and what they imply about the nature of teaching and learning in classroom settings. Some field observation required.
Prerequisite(s): DAN 2440 with a grade of (B) or higher.

DAN 2500 - Choreography II (4)
Theory of dance composition through reading, discussion, observation and experimentation. Lab required. Prerequisite(s): DAN 1500

DAN 2640 - Dance Production (2)
Production based laboratory course that will cover lighting, costuming, makeup, and technological components of dance.

DAN 3030 - Kinesiology for the Dancer (4)
Analysis of movement from an anatomical and mechanical point of view with emphasis on problems of dance technique. Also includes prevention and treatment of dance-related injuries.
Prerequisite(s): three dance courses

DAN 3100 - Ballet (2)
Technique of classical ballet. May be repeated.
Prerequisite(s): DAN 2100; major standing or permission of instructor.

DAN 3110 - Modern Dance (3)
Technique of modern dance. May be repeated for additional credit.
Prerequisite(s): DAN 2110; major standing.

DAN 3220 - Jazz Dance (2)
Technique of jazz dance. May be repeated.
Prerequisite(s): DAN 2220 or permission of instructor.

DAN 3260 - Tap Dance III (2)
Advanced tap dance technique. May be repeated.
Prerequisite(s): DAN 2260 or permission of instructor.

DAN 3273 - Dance for Musical Theatre (2)
Applied dance course that covers the techniques and styles of dance for musical theatre prevalent from the 1920s until the present day.

DAN 3380 - Contemporary Dance History: Revolution and Revisionism (4)
Comprehensive dance history for dance majors that covers 20th and 21st century choreographers from a thematic point of view. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. Prerequisite(s): DAN 1373, major standing in dance or permission of the instructor.

DAN 3440 - Teaching Dance to Pre-K-5 Learners (3)
Principles and practices for developing, designing, and teaching curricula for preschool and elementary school dance programs and for designing portfolio assessment to meet state standards. Explores a range of teaching approaches and the roles and responsibilities of a dance specialist in a school setting. 20 hours of fieldwork required.
Prerequisite(s): DAN 2440 and DAN 2441, each with grades of (B) or higher.

DAN 3441 - Teaching Dance in Secondary Schools (3)
Continuation of DAN 3440 with a focus on teaching dance in middle school and high school settings. 20 hours of fieldwork required.
Prerequisite(s): DAN 3440 with a grade of (B) or higher.

DAN 3450 - Creative Dance for Children (4)
Methods and styles of teaching dance to children within schools, community centers and private studios.
Prerequisite(s): major standing in dance or dance education minor.
Pre/Corequisite(s): DAN 3100 and DAN 3110 or permission of instructor.

DAN 3500 - Choreography III (4)
Continuation of DAN 2500 at a more advanced level. Lab required. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): DAN 2500, major standing in dance, or permission of the instructor.

DAN 3700 - Oakland Dance Theatre (1)
A technique- and performance-based laboratory course. Each student will participate in a dance performance during the semester, either as a performer or choreographer. May be repeated for up to 8 credits. Graded S/U. Prerequisite(s): audition and instructor permission.

DAN 4100 - Ballet (2)
Technique of classical ballet. May be repeated.
Prerequisite(s): DAN 3100, major standing or permission of instructor.

DAN 4102 - Advanced Ballet: Partnering (2)
May be repeated.

DAN 4104 - Advanced Ballet: Pointe (1)
Technique class that emphasizes advanced ballet skills using pointe shoes. Additionally, students will learn a range of ballet repertoire during the semester. May be repeated.
Pre/Corequisite(s): DAN 1100

DAN 4110 - Modern Dance (3)
Technique of modern dance. May be repeated for additional credit.
Prerequisite(s): DAN 3110, major standing.

DAN 4111 - Professional-level Dance Technique in Ballet and Modern Dance (2)
Modern and ballet dance technique taught in professional dance company environment. Designed for advanced dancers as a pre-professional training program. May be repeated.
Prerequisite(s): DAN 3110 with a grade of (C) or higher and permission of instructor.

DAN 4220 - Jazz Dance (2)
Technique of jazz dance. May be repeated.
Prerequisite(s): DAN 3220 or permission of instructor.

DAN 4441 - Dance Pedagogy (4)
Theory and practice of teaching dance technique with emphasis on ballet and modern dance. Includes study of age-appropriate and level-appropriate instruction, correct anatomical approach to dance training, and lesson and unit planning.
Prerequisite(s): DAN 3100 and DAN 3110

DAN 4500 - Senior Recital (2)
Dance program choreographed and performed by a student in the final year of dance study.
Prerequisite(s): audition and permission of instructor.

DAN 4501 - Senior Recital II (2)
Continuation of DAN 4500.
Prerequisite(s): DAN 4500

DAN 4625 - Issues and Trends in Dance (2)
Readings, videos, and discussions pertaining to dance today. Topics will range from post modernism, dance theory, dance notation, dance education, multi-cultural influences, and computers and dance.
Prerequisite(s): major standing in dance, 3100 level in technique or permission of the instructor.

DAN 4628 - Opportunities and Careers in Dance (2)
Survey of business techniques and procedures, laws, copyrights, grant writing and accounting practices in the field of dance; a study of the production aspects of a dance performance; and a study of career opportunities related to dance.
Prerequisite(s): permission of instructor.

DAN 4630 - German Contemporary Dance (Study Abroad in Berlin) (4)
Study abroad course in Berlin in which German contemporary dance is explored through dance classes, concerts, lectures, and site visits. Connections between the arts and historical, cultural and political events are examined. The transnational exchange of ideas between Germany and America, which enabled the formation of contemporary dance, is addressed. Satisfies the university general education requirement in the global perspective knowledge exploration area.
Prerequisite(s): DAN 1373; dance major or minor or permission of instructor.

## DAN 4700 - Repertory Dance Company (1)

Advanced technique and performance-based laboratory course. Student will participate in rehearsals and performances of dance works by various choreographers. May be repeated for a maximum of 12 credits. Graded s/U.
Prerequisite(s): audition and permission of instructor

DAN 4900 - Special Topics (1 TO 4)
Group study of current topics in dance. May be repeated for up to 16 credits.
Prerequisite(s): three dance courses.

DAN 4996 - Independent Study (1 TO 4)
Permission of instructor. May be repeated for additional credit. Graded S/U.

DAN 4997 - College Teaching Apprenticeship (2 OR 4)
Supervised participation in teaching an undergraduate course in dance, together with discussion of teaching methods and objectives. May be repeated for up to 8 credits.
Prerequisite(s): permission of instructor.

Students selected to apprentice with Eisenhower Dance Ensemble (EDE) earn credit depending upon frequency of participation. S/U grading only. May be repeated for up to 16 credits.
Prerequisite(s): instructor permission.

MTD 3001 - Performing Arts Experiences for Children (3)
Introduction to the performing arts designed to provide prospective teachers with a basis and background for integrating musical, theatrical, and dance experiences into classroom curricula. Prerequisite(s): major standing.

## Department of Theatre

207 VARNER HALL (248) 370-2604
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Interim Co-chairpersons: Lynnae Lehfeldt, Karen Sheridan

Professors emeriti: Michael Gillespie, Adeline G. Hirschfeld-Medalia

Professor: Karen Sheridan

Associate professors: Anthony Guest, Kerro Knox, Lynnae Lehfeldt, Fred Love

Assistant professor: Jeremy Barnett, Sarah de Tute, David Gram

Special lecturers: Mila Govich, Beth Guest, Jake Hooker, Leslie Littell, Thomas Mahard

Lecturers: Joseph Beck, Don Brewer, Ricky Carver, Kitty Dubin, Shirleen DiFonzo, Michael Duncan, Dana Gamarra, Christy Heussner, Christa Koerner, Karen Kozlowski

Musical theatre coaches: Laura Blanchard, Alissa Hetzner, Catherine Menzies

Musical theatre accompanists: Laura Blanchard, Catherine Menzies

## Programs

Bachelor of Arts

- Theatre, B.A.


## Bachelor of Fine Arts

- Acting, B.F.A.
- Musical Theatre, B.F.A.
- Theatre Design and Technology, B.F.A.

Non-degree

- Theatre Minor


## Theatre, B.A.

Requirements for the liberal arts major in theatre, B.A.
Admission to the theatre degree programs

Admission to the theatre degree programs at Oakland University (OU) is a two-tiered process. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. The second step is the major standing audition, which determines whether students may continue in the program, and which degree program they may pursue.
Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the department website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

Students seeking admission to Oakland University as acting and musical theatre majors must audition for the theatre faculty.

Students seeking admission to Oakland University as theatre design and technology majors must participate in a portfolio interview with the theatre faculty.

Students who audition and do not enroll within two semesters must re-audition.
Students who enroll and leave school for at least two semesters must re-audition.

The Bachelor of Arts (B.A.) degree is for students who wish a broad general education without a high degree of specialization in theatre. Students must successfully complete the performance production requirement, the events attendance requirement and the senior interview as described in the department's Undergraduate Theatre Handbook, available on the department website. Students should consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program. Only major courses in which a grade of at least $C$ has been earned will count towards the major.

This degree programs requires a minimum of 124 credits distributed as follows:
Theatre requirements - 44 credits

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THA 1001 - Foundations of Theatre (1)
THA 1010-Acting: The Instrument (2)
THA 1011 - Acting: The Script (2)
THA 1020 - Stagecraft (2) or THA 1021 - Costume Craft
    or THA 1023-Costume Construction
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THA 1024 - Elements of Design (2)
THA 3001 - Theatre History I (4) (satisfies general education arts requirement)

THA 3002 - Theatre History II (4)
THA 3030 - Stage Management (2)
ENG 1300 - Introduction to Shakespeare (4) or ENG 3620 - Drama
(4) (satisfies general education literature requirement)

Design course - 1 course selected from
THA 3020 - Scenic Design (4)
THA 3021 - Lighting Design (4)
THA 3022 - Costume Design (4)
THA 3024 - Survey of Architecture, Fashion, and Furniture (4)
THA 3025 - Costume History (4)
Theatre capstone - 4 credits minimum selected from
THA 4007 - Advanced Directing Project (2)
THA 4020 - Advanced Performance Projects (0 OR 2)
THA 4025 - Advanced Design and Technology Projects (2)
THA 4081 - Classical Theatre Study in Greece (4)
THA 4095 - Advanced Company Class (2 OR 4)
THA 4950 - Internship (2 OR 4)

Theatre elective courses - 13 credits
Chosen in consultation with the theatre adviser (may include DAN technique, MUA/MUE voice, SA or AH classes; THA 1000 excluded)

Non-credit requirements

Major standing
Senior interview
Performance production requirement
Events attendance requirement

## Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124 ; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Acting, B.F.A.

Requirements for the major in acting, B.F.A.
Admission to the theatre degree programs

Admission to the theatre degree programs at Oakland University (OU) is a two-tiered process. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. The second step is the major standing audition, which determines whether students may continue in the program, and which degree program they may pursue.

## Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the department website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

Students seeking admission to Oakland University as acting majors must audition for the theatre faculty.

Students who audition and do not enroll within two semesters must re-audition.
Students who enroll and leave school for at least two semesters must re-audition.

The Bachelor of Fine Arts degree is intended for students who wish pre-professional and professional preparation in dance, musical theatre, acting, and theatre design and technology. Students must successfully complete the performance production requirement, the events attendance requirement and the senior interview as described in the department's Undergraduate Theatre Handbook available on the department website. Students should consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program. Only major courses in which a grade of at least a $C$ has been earned will count towards the major.
Acting requirements - 72 credits

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THA 1001 - Foundations of Theatre (1)
THA 1010-Acting: The Instrument (2)
THA 1011 - Acting: The Script (2)
THA 1020-Stagecraft (2)
THA 1021 - Costume Craft (2) or THA 1023-Costume Construction
(2)
THA 1024 - Elements of Design (2)
THA 2016 - Stage Combat I (2)
THA 2017 - Stage Voice I (2)
THA 2018 - Stage Voice II (2)
THA 3001 - Theatre History I (4) (satisfies general education arts requirement)
THA 3002 - Theatre History II (4)
THA 3010 - Acting: The Role (2)
THA 3011 - Stage Dialects (2)
THA 3014 - Acting: Auditions (2)
THA 3023 - Stage Makeup (2)
THA 3030 - Stage Management (2)
THA 3031 - Stage Manager Project (2) or THA 4031 - Dramaturgy/Assistant Director Project (4)
THA 4005 - Directing I (2)
THA 4006 - Directing II (2)
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THA 4010 - Acting: Styles (2)
THA 4014 - Acting: Shakespeare (2)
THA 4017 - Acting: Advanced Studio (2)
ENG 1300-Introduction to Shakespeare (4) or ENG 3620 - Drama
(4) (satisfies general education literature requirement)
Any dance (DAN) technique course (2)
Movement courses - 2 courses selected from
THA 2013 - Mime (2)
THA 2014 - Alexander Technique (2)
THA 3016 - Stage Combat II (2)
THA 4016 - Stage Combat III (2)
Any DAN technique course (2)
Theatre capstone-4 credits minimum selected from
THA 4007 - Advanced Directing Project (2)
THA 4020 - Advanced Performance Projects (0 OR 2)
THA 4025 - Advanced Design and Technology Projects (2)
THA 4081 - Classical Theatre Study in Greece (4)
THA 4095 - Advanced Company Class (2 OR 4)
THA 4950 - Internship (2 OR 4)
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Theatre electives - 11 credits
Elective courses chosen in consultation with theatre adviser (may include DAN technique, MUA/MUE voice classes; THA 1000 excluded).

Non-credit requirements
Major standing
Senior interview
Performance production requirement
Events attendance requirement
Additional Information
In addition to these major requirements, students must complete the Oakland University General Education Requirements and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124 ; some degrees may require a greater number). BFA majors are exempt from the College of Arts and Sciences College Exploratory Requirement.

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Musical Theatre, B.F.A.

Requirements for the major in musical theatre, B.F.A.
Admission to the theatre degree programs

Admission to the theatre degree programs at Oakland University (OU) is a two-tiered process. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. The second step is the major standing audition, which determines whether students may continue in the program, and which degree program they may pursue.
Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the department website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

Students seeking admission to Oakland University as acting and musical theatre majors must audition for the theatre faculty.

Students who audition and do not enroll within two semesters must re-audition.
Students who enroll and leave school for at least two semesters must re-audition.

The Bachelor of Fine Arts degree is intended for students who wish pre-professional and professional preparation in musical theatre, acting, and theatre design and technology. Students must successfully complete the performance production requirement, the events attendance requirement and the senior interview as described in the department's Undergraduate Theatre Handbook available on the department website. Students should consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program. Only major courses in which a grade of at least C has been earned will count towards the major.
Musical theatre requirements - 74-80 credits (with placement)

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THA 1001 - Foundations of Theatre (1)
THA 1010-Acting: The Instrument (2)
THA 1011 - Acting: The Script (2)
THA 1012 - Acting: The Song (2)
THA 1020 - Stagecraft (2) or THA 1021 - Costume Craft
(2) or THA 1023-Costume Construction
(2)
THA 2017 - Stage Voice I (2)
THA 3001 - Theatre History I (4) or THA 3002 - Theatre History II
(4) (satisfies general education arts requirement)
THA 3005 - History of American Musical Theatre (4)
THA 3010 - Acting: The Role (2)
THA 3014 - Acting: Auditions (2)
THA 3023 - Stage Makeup (2)
THA 3051 - Musical Theatre Workshop (0 OR 1)
THA 4013 - Musical Theatre Singing Styles (2)
THA 4014 - Acting: Shakespeare (2)
MUA 3001 - Vocal Coaching for Singers (1) (8 credits, one per semester, or placement)
MUS 1160 - Vocal Techniques (2)
MUS 1205 - Basic Musicianship for Musical Theatre Majors I (2)
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MUS 1206 - Basic Musicianship for Musical Theatre Majors II (2)
DAN 3273 - Dance for Musical Theatre (2)
Additional dance technique classes (7 semesters, 14 credits, or placement)

Applied voice - 11 credits (or placement)

MUA 1000 - Voice (1 TO 2) (2 semesters, 3 credits)
MUA 2000 - Voice (1 OR 2) (2 semesters, 4 credits)
MUA 3000 - Voice (1 TO 4) (2 semesters, 4 credits)

Vocal ensemble - 1 credit selected from

MUE 3050 - Opera Workshop (0 OR 1)
THA 3051 - Musical Theatre Workshop (0 OR 1)
THA 4051 - Nightclub Cabaret Acts (0 OR 1)
THA 4052 - BFA Musical Theatre Showcase (0 OR 1)

Theatre capstone - 4 credits minimum selected from

THA 4007 - Advanced Directing Project (2)
THA 4020 - Advanced Performance Projects
(2)

THA 4025 - Advanced Design and Technology Projects (2)
THA 4081 - Classical Theatre Study in Greece (4)
THA 4950 - Internship (2 OR 4)
THA 4095 - Advanced Company Class (2 OR 4)

Theatre elective courses - 4 credits

Chosen in consultation with theatre adviser (may include DAN technique, MUA/MUE voice classes; THA 1000 excluded)

Non-credit requirements

Major standing
Senior interview
Performance production requirement
Events attendance requirement

## Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number). BFA majors are exempt from the College of Arts and Sciences College Exploratory Requirement.

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Theatre Design and Technology, B.F.A.

Requirements for the major in theatre design and technology, B.F.A.
Admission to the Theatre Degree Programs

Admission to the theatre degree programs at Oakland University (OU) is a two-tiered process. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. The second step is the major standing audition, which determines whether students may continue in the program, and which degree program they may pursue.
Entrance Auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the department website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

Students seeking admission to Oakland University as theatre design and technology majors must participate in a portfolio interview with the theatre faculty.

Students who audition and do not enroll within two semesters must re-audition.
Students who enroll and leave school for at least two semesters must re-audition.

The Bachelor of Fine Arts degree is intended for students who wish pre-professional and professional preparation in dance, musical theatre, acting, and theatre design and technology. Students must successfully complete the performance production requirement, the events attendance requirement and the senior interview as described in the department's Undergraduate Theatre Handbook available on the department website. Students should consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program. Only major courses in which a grade of C has been earned will count toward the major.
Theatre Design and Technology Requirements - 74 credits

THA 1001 - Foundations of Theatre (1)
THA 1004 - Acting for Non-Theatre Majors (2) or THA 1010 - Acting: The Instrument
(2)

THA 1020 - Stagecraft (2)
THA 1021 - Costume Craft (2) or THA 1023 - Costume Construction
(2)

THA 1024 - Elements of Design (2)
THA 1025 - Essentials of Theatre Design (2)
THA 2022 - Drafting for the Theatre (2)
THA 2023 - Drawing and Rendering for the Theatre (2)
THA 3001 - Theatre History I (4) (satisfies general education arts requirement)
THA 3002 - Theatre History II (4)
THA 3024 - Survey of Architecture, Fashion, and Furniture (4)
THA 3025 - Costume History (4)
THA 3030 - Stage Management (2)

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    THA 3031 - Stage Manager Project (2)
    THA 4005 - Directing I (2)
    THA 4021 - Design Seminar (2)
    THA 4022 - Designers' Portfolio (2)
    ART xxxx - Studio Art course (4)
Design courses - 16 credits
    THA 3020 - Scenic Design (4)
    THA 3021 - Lighting Design (4)
    THA 3022 - Costume Design (4)
    Note: one course must be repeated
Theatre capstone - 4 credits minimum selected from
THA 4007 - Advanced Directing Project (2)
THA 4020 - Advanced Performance Projects (0 OR 2)
THA 4025 - Advanced Design and Technology Projects (2)
THA 4081 - Classical Theatre Study in Greece (4)
THA 4950 - Internship (2 OR 4)
THA 4095 - Advanced Company Class (2 OR 4)
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Theatre electives - 9 credits

Theatre electives, chosen in consultation with theatre adviser (may include ART (or SA) or AH classes; excludes THA 1000)

Non-credit requirements

Major standing
Senior interview
Performance production requirement
Events attendance requirement

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number). BFA majors are exempt from the College of Arts and Sciences College Exploratory Requirement.

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Theatre Minor

Requirements for the liberal arts minor in theatre

To earn a minor in theatre, students must complete a minimum of 20 credits distributed as follows:

1. One acting course ( 2 credits) selected from

THA 1004 - Acting for Non-Theatre Majors (2)
THA 1010 - Acting: The Instrument (2)
(with permission of instructor)
2. One production course (2 credits) selected from

THA 1020 - Stagecraft (2)
THA 1021 - Costume Craft (2)
THA 1023 - Costume Construction (2)
3. One theatre history course (4 credits) selected from

THA 3001 - Theatre History I (4)
THA 3002 - Theatre History II (4)
THA 3005 - History of American Musical Theatre (4)
THA 3006 - Cultural and Historical Development of American Musical Theatre (4)
4. Twelve elective credits in theatre

Note: THA 1000 does not apply.

## Courses

THA 1000 - Introduction to Theatre (4)
Theatre as an art form. Topics include acting, directing, design, dramatic literature, theatre history, theory and criticism. Students will view selected plays. Satisfies the university general education requirement in the arts knowledge exploration area.

THA 1001 - Foundations of Theatre (1)
Foundation course for theatre majors. Lectures, readings and projects exploring the nature of theatre, its literature in historical context, and the opportunities and responsibilities of members in an artistic community.
Prerequisite(s): theatre majors only.

THA 1004 - Acting for Non-Theatre Majors (2)
Acting experiences designed for non-theatre majors. The student will acquire basic acting skills, explore vocal and physical expressiveness, and gain confidence in performance settings. May be repeated once for additional credit.

THA 1010 - Acting: The Instrument (2)

Prepares the actors' instrument for work on stage. Student actors discover their unique physical, vocal and emotional gifts and develop a respect for acting as a collaborative art.
Prerequisite(s): instructor permission.

THA 1011 - Acting: The Script (2)
The actor's approach to script analysis. Focus on acquisition of an acting vocabulary, research methods, continued vocal and physical development, and basic audition techniques.
Prerequisite(s): THA 1010 or THA 1004 and instructor permission.

THA 1012 - Acting: The Song (2)
Techniques for interpreting lyrics, connecting to the character being addressed, committing to the circumstances, making strong movement choices, using the voice to maximum effect. Assist the singer in analyzing songs, show how to develop characters building on material in the score, give the singing performer tools to act believably.
Prerequisite(s): Musical theatre major.

THA 1020-Stagecraft (2)
Survey of techniques of scenery construction and stage lighting, including proper use of tools and hardware in these areas.
Prerequisite(s): theatre major or minor or permission of instructor.

THA 1021 - Costume Craft (2)
Introduction to basic techniques of costume crafts. Various techniques such as dying, fabric stenciling, jewelry, mask making and puppet sculpting will be explored.
Prerequisite(s): theatre major or minor or permission of instructor.

THA 1023 - Costume Construction (2)
Exploration of techniques for basic costume construction, including hand and machine sewing, dressmaking, and use of fabric.
Prerequisite(s): theatre major or minor or permission of instructor.

THA 1024 - Elements of Design (2)
Introduction to basic principles of design and their application to the art of theatre.
Prerequisite(s): theatre major or permission of instructor.

THA 1025 - Essentials of Theatre Design (2)
Broad overview of the theatrical design process in each of the disciplines: scenic, costume, lights, sound, properties, hair and makeup. Introduction of terminology, design concepts, research and collaboration within the theatrical medium.
Prerequisite(s): THA 1024 and theatre major.

THA 2011 - Stage Movement (2)

Exploring character and relationship through physical action. Discovering idiosyncrasies and neutrality. Preference for openings in this course is given to theatre majors and minors.

Prerequisite(s): THA 1010 or permission of instructor.

THA 2013 - Mime (2)
Basic mime techniques for the actor, including imaginary objects, movement illusions, environment illusions, and useful skills for the actor's imagination.
Prerequisite(s): theatre major or minor or permission of instructor.

THA 2014 - Alexander Technique (2)
Technique for achieving greater ease and grace of movement, with special applications for the performing artist.
Prerequisite(s): studio course in acting, dance, voice, or instrumental music. May be taken concurrently.

THA 2015 - T'ai Chi Ch'uan (2)
Learning the first section of the Yang style form, students will increase their awareness of current movement habits and learn how to replace old habits with those that allow greater ease of movement, requiring less effort and muscular tension.

THA 2016 - Stage Combat I (2)
Safe methods of creating the illusion of violence on stage. Hand to hand and basic sword work. Prerequisite(s): theatre major or permission of instructor.

THA 2017 - Stage Voice I (2)
Development of actors' understanding and command of voice and speech for the stage. Preference for openings in this course is given to theatre majors and minors.
Prerequisite(s): THA 1010 or instructor permission.

THA 2018 - Stage Voice II (2)
Continuation of THA 2017.
Prerequisite(s): THA 2017

THA 2020 - Theatre Ensemble (0 OR 2)
Participation in a production under faculty supervision. A minimum of 60 hours. Credit is available for on-stage and backstage work. May be repeated.

THA 2022 - Drafting for the Theatre (2)
Study of the visual tools of scenic presentation: drafting, sketching, and perspective. Focus on principles and techniques of theatre drafting of ground plans, scenery and lighting. An introduction to computerassisted drafting will be included.
Pre/Corequisite(s): THA 1024

THA 2023 - Drawing and Rendering for the Theatre (2)
Study of the presentational skills of theatrical design. Focus on the development of skills and techniques in drawing and rendering for scenery, costumes and lighting.
Pre/Corequisite(s): THA 1024

THA 2024 - Designer Computer Skills (2)
Introduction to graphics and computer drafting software that have become the industry standard for work in the performing arts. Includes architectural draftings, lighting plots and presentational renderings using Vectorworks and Photoshop, Introduces common programs such as AutoCAD, Sketch-Up and Illustrator.
Pre/Corequisite(s): THA 1024

THA 2095 - Company Class (2)
Close study of a selected play and rehearsal leading to a fully mounted laboratory production as the final product. For freshmen and sophomores. May be repeated once for additional credit. Prerequisite(s): Permission of instructor, by audition.

THA 3001 - Theatre History I (4)
Survey of theatre from its origins to about 1700, including dramatists, stages, production and acting. Representative plays will be read. Mandatory attendance at selected live performances. May include student participation in brief performance projects. Satisfies the university general education requirement in the arts knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education or in the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): sophomore standing.

THA 3002 - Theatre History II (4)
Survey of theatre from about 1700 to the present, including dramatists, stages, production, and acting. Representative plays will be read. Mandatory attendance at selected live performances. May include student participation in brief performance projects. Satisfies the university general education requirement in the arts knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education or in the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): sophomore standing.

THA 3005 - History of American Musical Theatre (4)
Focuses on dramatic themes, musical styles, dance innovations and the artistic elements of American Musical Theatre while exploring the artists, producers and audiences that reflected the changing viewpoints, beliefs and lifestyles of the nation.
Prerequisite(s): sophomore standing.

THA 3006 - Cultural and Historical Development of American Musical Theatre (4)

Course for non-majors that focuses on dramatic themes, musical styles, dance innovations and the artistic elements of American Musical Theatre while exploring the artists, producers and audiences that reflected the changing viewpoints, beliefs and lifestyles of the nation. Not open to students who have completed THA 3005. THA 3006 may not be used toward the musical theatre major. Satisfies the university general education requirement in the arts knowledge exploration area. Satisfies the university general education requirement in U.S. Diversity. Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): sophomore standing.

THA 3010 - Acting: The Role (2)
Actors' synthesis of instrument and script as applied to creation of a role. Scene work drawn from significant plays in the realism repertoire. May be repeated once for credit.
Prerequisite(s): THA 1011

THA 3011 - Stage Dialects (2)
Study of several of the stage dialects most commonly employed by American actors. Methodology for independent mastery of additional dialects.
Prerequisite(s): THA 1011

THA 3013 - Coaching for Actors (1)
Prepares the acting student for performance, on-camera work, and monologue exploration, including study of style, performance practices, diction, interpretation, and audition preparation. Includes preparation of play repertoire appropriate to students' level of proficiency and accomplishment. Course may be repeated for credit.
Prerequisite(s): junior or senior standing and instructor permission.

THA 3014 - Acting: Auditions (2)
Preparation for theatrical and commercial auditions includes selection and preparation of monologues. Prerequisite(s): THA 3010

THA 3015 - Acting for the Camera I (2)
Introduction to the fundamentals of acting for the camera including techniques for television, film, and commercials. Also covers the business aspects these media. May be repeated once for additional credit. Prerequisite(s): THA 3010

## THA 3016 - Stage Combat II (2)

Advanced methods of creating the illusion of violence on stage. Progression to rapier and dagger, broadsword and quarterstaff.
Prerequisite(s): THA 2016

THA 3020 - Scenic Design (4)

Study of the process of designing scenery for the stage, including conceptualization, drafting and rendering. May be repeated once for credit.
Prerequisite(s): THA 1024. THA 2022, THA 2023 strongly recommended.

THA 3021 - Lighting Design (4)
Study of the process of designing lighting for theatre and dance, including conceptualization, instrumentation, plotting, hanging and focusing, cueing and board operation. May be repeated once for credit.
Prerequisite(s): THA 1024, THA 2022 recommended.

THA 3022 - Costume Design (4)
A study of the process of designing costumes for the stage, including research, conceptualization, materials, and rendering. May be repeated once for credit.
Prerequisite(s): THA 1024, THA 2023 strongly recommended.

## THA 3023 - Stage Makeup (2)

A study of the process of designing makeup for the stage, including conceptualization, materials and application of two-dimensional designs.
Prerequisite(s): theatre major or minor or permission of instructor.

THA 3024 - Survey of Architecture, Fashion, and Furniture (4)
Survey of the time periods most often used in theatrical productions. Each era will be considered through the architecture, fashion and furniture of the time. Connections will be made to the politics, music, art and literature of the era.
Prerequisite(s): sophomore standing.

THA 3025 - Costume History (4)
Methods and styles of human dress from the Bronze Age to the present, including the roles of textiles and fibers and the importance of human decoration of clothing, skin, and hair. Several traditional ethnic cultures will be explored along with Western dress. Visual examples will be provided.
Prerequisite(s): sophomore standing.

THA 3026 - Properties Practicum (2)
Exploring properties production for the stage including construction, upholstery, and sewing as well as the organizational and artistic skills required by the properties artisan.
Prerequisite(s): THA 1020

THA 3027 - Scene Painting (2)
Techniques for painting scenery for the theatre including material, layout, faux finishes, and the organizational and artistic skills required for the scenic artist.

Prerequisite(s): THA 1020

## THA 3028 - Sound Design (2)

Study of the process of designing sound for the theatre, including the equipment and mechanics. Topics include music, sound effects, recording techniques, and amplification. Course may be repeated one time for a total of four credits.

THA 3030 - Stage Management (2)
Study of the duties and the organizational, communication and leadership skills required of the theatrical stage manager.

THA 3031 - Stage Manager Project (2)
Student will serve as a stage manager or assistant stage manager for a departmental production under faculty supervision.
Prerequisite(s): THA 3030

THA 3040 - Playwriting (4)
Creative writing for the theatre, emphasizing fundamentals of scene, character and dialogue development. Identical with CW 3600.
Prerequisite(s): WRT 1060 with a grade of (C) or higher.

THA 3051 - Musical Theatre Workshop (0 OR 1)
Performance and study of repertory of the musical theatre. May be repeated for additional credit.
Prerequisite(s): MUA 1000

THA 4005 - Directing I (2)
Theory and practice of play directing. Script interpretation, casting, staging, rehearsal techniques. Includes practical experience in directing scenes.
Prerequisite(s): THA 1004 or THA 1010 and THA 1020 or THA 1021 or THA 1023; and THA 1024 and major standing.

THA 4006 - Directing II (2)
Continuation of Directing I. Culminates in the direction of a one-act play.
Prerequisite(s): THA 4005

THA 4007 - Advanced Directing Project (2)
Direction of a lengthy one-act or full-length theatre piece under faculty supervision. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): THA 4006 and permission of instructor.

THA 4010 - Acting: Styles (2)
Focuses on the requirement of various acting and period styles. Continued work on vocal and physical technique. Topics may vary. May be repeated once for credit.
Prerequisite(s): THA 3010

THA 4013 - Musical Theatre Singing Styles (2)
Focuses on the requirements of various singing styles and composers, including operetta, Sondheim, classical musical theatre, pop and contemporary. Students will learn to adapt to various singing styles, build an audition repertoire notebook and be able to discern among styles.
Prerequisite(s): THA 3005 and junior standing.

THA 4014 - Acting: Shakespeare (2)
Introduction to understanding and speaking Shakespeare's language. Scene and monologue work for select plays.
Prerequisite(s): THA 3010

THA 4015 - Acting for the Camera II (2)
Continuation of THA 3015, including a deeper exploration of techniques for television, film and commercials and the business of these media.
Prerequisite(s): THA 3015

THA 4016 - Stage Combat III (2)
Continuation of Combat I and II focusing on the skills needed to design and choreograph theatrical textbased fight sequences, effectively collaborate as a fight director within a production team, and manage a career as a fight director/choreographer.
Prerequisite(s): THA 3016

THA 4017 - Acting: Advanced Studio (2)
Concentrated focus on selected theatrical genres and/or playwrights. Course content rotates at the instructor's discretion. May be repeated once for additional credit.
Prerequisite(s): THA 4014

THA 4020 - Advanced Performance Projects (0 OR 2)
Participation in a production under faculty direction. A minimum of 60 hours. Students keep a journal and write a final summary of their experience. May be repeated three additional times for credit.
Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): Junior or senior standing and major standing in theatre.

THA 4021 - Design Seminar (2)
Advanced studies in theatre design of scenery, costumes and lighting, with an emphasis on the collaborative process. Career opportunities and preparation are addressed.
Prerequisite(s): THA 3020, THA 3021 or THA 3022

THA 4022 - Designers' Portfolio (2)

Advanced designers prepare portfolio and resumes for entry into the professional field of theatre production.
Prerequisite(s): THA 3020 and THA 3021 or THA 3022 and sophomore standing.

THA 4023 - Advanced Stagecraft (2)
Advanced techniques of scenery construction including welding, rigging, sound and special effects.
Prerequisite(s): THA 1020

THA 4025 - Advanced Design and Technology Projects (2)
Advanced student design projects produced under faculty supervision in the areas of scenery, costumes, lighting, properties, or sound. May be repeated for credit. Satisfies the university general education requirement for the capstone experience.

THA 4031 - Dramaturgy/Assistant Director Project (2)
Student will serve as dramaturg and assistant director for a departmental production under faculty supervision.
Prerequisite(s): THA 4005

THA 4040 - Advanced Playwriting (4)
Continued work on playwriting leading to complete scripts for one-act and full-length plays. May be repeated once for credit. Identical with CW 4600.
Prerequisite(s): THA 3040 or CW 3600; permission of instructor. English and theatre majors and minors.

THA 4051 - Nightclub Cabaret Acts (O OR 1)
The art of cabaret and preparation of a personal evening of song and stories. Presentation of these acts by Meadow Brook Estate at a local nightclub. Auditions held prior to the beginning of the semester. May be repeated for additional credit.
Prerequisite(s): Permission of instructor.

THA 4052 - BFA Musical Theatre Showcase (0 OR 1)
Students prepare and polish audition materials, learn interview techniques, and other important skills required for the showcase presented for professionals in New York City. BFA musical theatre majors (seniors) only. Auditions held prior to the beginning of the semester.
Prerequisite(s): Permission of instructor.

THA 4053 - Special Topics: History and Literature of the Theatre (2 OR 4)
Study of topics of special interest chosen by department faculty and students. May be repeated. Prerequisite(s): Will vary with topic; permission of instructor.

THA 4081 - Classical Theatre Study in Greece (4)
Study, rehearse and perform a classical play in amphitheaters in Greece. Acting, voice, movement, modern Greek and theatre history. Visits to archeological sites and museums. Dates vary (3 weeks,

June/July). English is the language of instruction/performance. Additional fees apply. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): Audition/interview required, conducted early winter semester prior. Consult Theatre Program Director.

THA 4095 - Advanced Company Class (2 OR 4)
Close study of a selected play and rehearsal leading to a fully mounted laboratory production as the final product. Restricted to juniors and seniors. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): Permission of instructor, by audition; junior/senior standing.

THA 4907 - Special Topics: Design Issues (2 OR 4)
Group study of topics of special interest chosen by theatre program faculty and students. May be repeated.
Prerequisite(s): Will vary with topic.

THA 4908 - Special Topics: Acting and Directing Issues (2 OR 4)
Group study of topics of special interest chosen by theatre program faculty and students. May be repeated.
Prerequisite(s): Will vary with topic; permission of instructor.

THA 4950 - Internship (2 OR 4)
Experience working with professionals in a variety of performing arts settings. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): Permission of instructor.

THA 4996 - Independent Study (1 TO 4)
Normally for juniors and seniors.
Prerequisite(s): Permission of instructor and the theatre program.

MTD 3001 - Performing Arts Experiences for Children (3)
Introduction to the performing arts designed to provide prospective teachers with a basis and background for integrating musical, theatrical, and dance experiences into classroom curricula.
Prerequisite(s): major standing.

## Department of Music

207 VARNER HALL (248) 370-2603

Fax: (248) 370-2041

Chairperson: Deborah VanderLinde
Professors emeriti: David Daniels, John Dovaras, Robert Facko, Marvin D. Holladay, Flavio Varani
Distinguished Professor: Jacqueline Wiggins, emerita

Professors: Gregory Cunningham, James Lentini, Michael Mitchell, John-Paul White
Associate professors: Drake Dantzler, Jeffrey Heisler, Melissa Hoag, David Kidger, Kenneth Kroesche, Jessica Payette, Joseph Shively, George Stoffan, Mark Stone, Tian Tian, Deborah VanderLinde

Assistant professors: Alta Boover
Visiting assistant professor: Lauri Hogle
Adjunct assistant professor: Edith Diggory
Artist-in-residence: Regina Carter
DSO affiliate applied faculty: Amanda Blaikie (flute), Jeremy Crosmer (cello), Marcus Schoon (bassoon), Sharon Sparrow (flute), Jeffrey Zook (flute)

Special lecturers: Sean Dobbins, Patrick Fitzgibbon, Ben Fuhrman, Scott Gwinnel, Bret Hoag, Lois Kaarre, Jennifer Kincer Catallo, Victoria Shively, Michele Soroka, Kristin Tait, Phyllis White

Lecturers: Laura Blanchard, Barbara Bland, Stephen Eisenhard, Rebecca Happel, Terry Herald, Alan MacNair, Melissa Maloney, Daniel Maslanka, Zeljko Milicevic, Christopher Napier, Elizabeth Rowin, Marcus Schoon, Carly Uhrig, Spiros Xydas

Applied music instructors:

Brass: David Denniston (French horn), Kenneth Kroesche (low brass), Gordon Simmons (trumpet)
Woodwind: Amanda Blaikie (flute), Jeffrey Heisler (saxophone), Timothy Michling (oboe), Marcus Schoon (bassoon), Sharon Sparrow (flute), George Stoffan (clarinet), Jeffrey Zook (flute)

Strings: Jeremy Crosmer (cello), Marion Hayden (double bass), Roman Kosarev (viola), Stephen Molina (double bass), Elizabeth Rowin (violin)

Percussion: Sean Dobbins, Daniel Maslanka, Mark Stone

## Guitar: Bret Hoag

Keyboard: Rebecca Happel (piano), Tian Tian (piano), I-Chen Yeh (piano), Jeremy Tarrant (organ), Dennis Curry (carillon)

Voice: Barbara Bland, Alta Dantzler, Drake Dantzler, Edith Diggory, Stephen Eisenhard, Melissa Maloney, Stephanie Michaels, Nadine Washington, John-Paul White

Jazz: Anthony Buccilli (trombone), Sean Dobbins (percussion), Scott Gwinnell (piano), Marion Hayden (double bass), Mark Kieme (saxophone), Anthony Stanco (trumpet)

World Music: Patrick Fitzgibbon (Caribbean percussion), Sam Jeyasingam (Indian percussion), Mark Stone (African percussion)

Vocal Coach: Victoria Shively

Collaborative pianists: Scott Gwinnell (jazz), Lois Kaarre, Hyekyung Sia Lee, Rudolf Ozolins, Jennifer Gosselin, Amanda Sabelhaus, Julie Steinmayer, Hannah Watson, I-Chen Yeh (instrumental accompanying coordinator), Eun Young Yoo, Tatyana Zut, Stanley Zydek (voice accompanying coordinator)

Center for Applied Research in Musical Understanding: Joseph Shively, director; Lauri Hogle, Deborah VanderLinde

Oakland University Community Music: Elizabeth Medvinsky, director

## Programs

Bachelor of Arts

- Music, B.A.

Bachelor of Music

- Instrumental Performance, B.M.
- Music Education and Performance, Choral and General Music, B.M.
- Music Education and Performance, Instrumental and General Music, B.M.
- Music Education, Choral and General Music, B.M.
- Music Education, Instrumental and General Music, B.M.
- Music Technology, B.M.
- Piano Performance, B.M.
- Piano Performance, B.M., Specialization in Pedagogy
- Piano Pedagogy, B.M.
- Voice Performance, B.M.


## Certificate

- Piano Performer's Certificate

Non-degree

- Music Minor
- Music, Liberal Arts Minor
- Music Theory Minor
- Jazz Studies Minor
- World Music Minor


## Music, B.A.

Requirements for the liberal arts major in music, B.A.
Admission to Music degree programs

Admission to the music degree programs at Oakland University (OU) is a two-tiered process, except for the B.A. in Music. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. For all B.M. programs, the second step is the major standing audition, which determines whether students may continue in the program, and if they can be admitted into a professional program in the school.
Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the school website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

Students seeking admission to Oakland University as music majors or auditioned music minors must audition for the music faculty.

Students who audition and do not enroll within two semesters must re-audition.
Students who enroll and leave school for at least two semesters must re-audition. Music students who enroll and leave school must re-audition and also retake the theory placement exam.

This degree is for students who wish a broad general education without a high degree of specialization in music. Students should consult the Undergraduate Music Handbook available on the department website and should also consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program.

For this program,
MUS 1331satisfies the general education arts requirement. MUS 3331, MUS 3332, and MUS 4320 count as writing intensive in the major. MUS 4320, MUS 4323, or MUS 4330 count as the general education
capstone. Only major courses in which a grade of at least $C$ has been earned will count toward the major.

This degree program requires a minimum of 124 credits.

Applied Music - 16 credits minimum (or placement)

12 credits in a single instrument or 13 credits in voice (must progress to a pass 3000 -level applied) 4 credits of an applied elective for students whose primary instrument is piano 4 credits of applied keyboard for non-pianists (MUS 1171 and MUS 1172 )

Music history, theory, and world music - 28 credits (or placement)

MUS 1212 - Music Theory I (3) and MUS 1213 - Aural Skills I (1)
MUS 1214 - Music Theory II (3) and MUS 1215 - Aural Skills II (1)
MUS 2212 - Music Theory III (3) and MUS 2213 - Aural Skills III (1)
MUS 2214 - Music Theory IV (3) and MUS 2215 - Aural Skills IV (1)
MUS 1331 - History and Literature of Western Tonal Music (3)
MUS 1332 - Music of World Cultures (3)
MUS 3331 - History and Literature of Medieval and Renaissance Music (3)
MUS 3332 - History and Literature of Western Music from ca. 1850 to the Present (3)

Required electives - 12 credits (or placement)

One music history capstone course selected from

MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis (4)
MUS 4323 - Berlin's Musical Cultures: 1900-1989 (4)
MUS 4330 - Seminar in Opera and Drama (4)
plus two courses selected from the following (at least one of the two must be music theory)
MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis (4)
MUS 4323 - Berlin's Musical Cultures: 1900-1989 (4)
MUS 4330 - Seminar in Opera and Drama (4)
MUS 3211 - Musical Analysis and Form (4)
MUS 3212 - Counterpoint (4)
MUS 4210 - Analysis of Music Since 1900 (4)

Language requirement - 4-8 credits

Modern language course (1150 or higher)

Ensembles - 4 credits

Must enroll in an ensemble that uses the primary performance area every semester of major (minimum of 4 times for credit)

MUE 3001 - University Chorus (0 OR 1)
MUE 3004 - Oakland Chorale (0 OR 1)
MUE 3019 - Chamber Orchestra (0 OR 1)
MUE 3020 - Oakland Symphony (O OR 1)
MUE 3029 - Symphonic Band (O OR 1)
MUE 3031 - Wind Symphony (O OR 1)

Non-credit requirement

Events attendance requirement

## Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements the College of Arts \& Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Instrumental Performance, B.M.

Requirements for the major in instrumental performance, B.M.
Admission to Music degree programs

Admission to the music degree programs at Oakland University ( OU ) is a two-tiered process, except for the B.A. in Music. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. For all B.M. programs, the second step is the major standing audition, which determines whether students may continue in the program, and if they can be admitted into a professional program in the school.
Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the school website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

Students seeking admission to Oakland University as music majors or auditioned music minors must audition for the music faculty.

Students who audition and do not enroll within two semesters must re-audition. Students who enroll and leave school for at least two semesters must re-audition.

Music students who enroll and leave school must re-audition and also retake the theory placement exam.

The Bachelor of Music degree is intended for students who wish pre-professional and professional preparation in music education and/or performance. Students should consult the Undergraduate Music Handbook available on the department website and should also consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program.

Only major courses in which a grade of at least $C$ has been earned will count toward the major. For this program, MUS 1331 satisfies the general education arts requirement, MUS 3331 and MUS 3332 count as writing intensive in the major, and MUA 4998 counts as the general education capstone in the major.

Degree requirements are as follows:
Applied music - 34 credits (or placement)

Applied principal instrument 1000 level ( 2 credits per semester, 4 credits total)
Applied principal instrument 2000 level ( 2 credits per semester, 4 credits total)
Applied principal instrument 3000 level (4 credits per semester, 8 credits total)
Applied principal instrument 4000 level ( 1 semester, 4 credits total)
MUA 4998 - Senior Recital (4 OR 6) (6)
MUS 1171 - Keyboard Technique I (2)
MUS 1172 - Keyboard Technique II (2)
MUS 2171 - Keyboard Technique III (2)
MUS 2172 - Keyboard Technique IV (2)

Music history, theory, and world music - 28 credits (or placement)

MUS 1212 - Music Theory I (3) and MUS 1213 - Aural Skills I
(1)

MUS 1214 - Music Theory II (3) and MUS 1215 - Aural Skills II
(1)

MUS 2212 - Music Theory III (3) and MUS 2213 - Aural Skills III
(1)

MUS 2214 - Music Theory IV (3) and MUS 2215 - Aural Skills IV
(1)

MUS 1331 - History and Literature of Western Tonal Music (3)
MUS 1332 - Music of World Cultures (3)
MUS 3331 - History and Literature of Medieval and Renaissance Music (3)
MUS 3332 - History and Literature of Western Music from ca. 1850 to the Present (3)

History or theory elective course (1 course) selected from

MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis (4)
MUS 4323 - Berlin's Musical Cultures: 1900-1989 (4)
MUS 4330 - Seminar in Opera and Drama (4)
MUS 3211 - Musical Analysis and Form (4)
MUS 3212 - Counterpoint (4)
MUS 4210 - Analysis of Music Since 1900 (4)

Ensembles - 12 credits

Must enroll in a large ensemble that uses the primary performance area every semester of major.

Large ensembles: MUE 3001 - University Chorus or MUE 3004 - Oakland Chorale or MUE 3019 Chamber Orchestra or MUE 3029 - Symphonic Band or MUE 3031 - Wind Symphony (8)

Small ensembles (4)

Language - 4 credits

Must choose a foreign language to fulfill general education foreign language requirement (not ALS or ML ).
Other required courses - 8 credits (or placement)

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MUS 3581 - Conducting I (2)
MUS 3582 - Conducting II (2)
MUS 4547 - Instrumental Teaching Studio (2)
MUS 4563 - Instrumental Repertoire I (1)
MUS 4564 - Instrumental Repertoire II (1)
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Non-credit requirements

Major standing
Events attendance requirement: Students must complete four attendance cards (ten events each year for four years). One events attendance card must be submitted by the time of major standing.

## Music Education and Performance, Choral and General Music, B.M.

Requirements for the major in music education and performance, B.M., specialization in choral and general music
Admission to Music degree programs

Admission to the music degree programs at Oakland University ( OU ) is a two-tiered process, except for the B.A. in Music. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. For all B.M. programs, the second step is the major standing audition, which determines whether students may continue in the program, and if they can be admitted into a professional program in the school.

## Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the school website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

Students seeking admission to Oakland University as music majors or auditioned music minors must audition for the music faculty.

Students who audition and do not enroll within two semesters must re-audition.
Students who enroll and leave school for at least two semesters must re-audition. Music students who enroll and leave school must re-audition and also retake the theory placement exam.

The Bachelor of Music degree is intended for students who wish pre-professional and professional preparation in music education and/or performance. Students should consult the Undergraduate Music Handbook available on the department website and should also consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program.

Only major courses in which a grade of at least $C$ has been earned will count toward the major. A minimum grade of $B$ is required in all professional courses, marked with an asterisk (*) in the list below. Application for music education major standing takes place upon completion of all freshman and sophomore coursework.

For this program, MUS 1331 satisfies the general education arts requirement, MUS 3331, 3332, and 4431 count as writing intensive in the major; and MUA 4998 and MUS 4431 count as the general education capstone.

Degree requirements are as follows:

Requirements specific to the voice major - 50 credits (or placement)

MUS 1160 - Vocal Techniques (2)
MUA 1000 - Voice
(1 credit first semester, 2 credits second semester, 3 credits total)
MUA 2000 - Voice
( 2 credits per semester, 4 credits total)
MUA 3000 - Voice
(4 credits per semester, 8 credits total)
MUA 4000 - Voice
( 1 semester, 4 credits total)
MUS 1171 - Keyboard Technique I (2)
MUS 1172 - Keyboard Technique II (2)
MUS 2420 - Instrumental Techniques for Choral Majors (2) *
MUS 2171 - Keyboard Technique III (2)
MUS 2172 - Keyboard Technique IV (2)
MUS 3171 - Accompanying for the Non-pianist I (2)
MUS 3172 - Accompanying for the Non-pianist II (2)
MUA 4998 - Senior Recital (6)
MUE 3050 - Opera Workshop (1)
MUS 2163 - Diction for Singers I (2)
MUS 2164 - Diction for Singers II (2)
MUS 4561 - Vocal Repertoire I (2)
MUS 4562 - Vocal Repertoire II (2)

Requirements specific to the piano major - 52 credits (or placement)

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MUA 1002 - Piano
(2 credits per semester, 4 credits total)
MUA 2002 - Piano
(2 credits per semester, 4 credits total)
MUA 3002 - Piano
( 4 credits per semester, 8 credits total)
MUA 4002 - Piano
(one semester, 4 credits)
MUS 1175 - Piano Technique Seminar (1)
MUA 4998 - Senior Recital (4 OR 6) (4)
MUS 4555 - Piano Repertoire I (2)
MUS 4556 - Piano Repertoire II (2)
MUS 4541 - Piano Pedagogy I (2)
MUS 4542 - Piano Pedagogy II (2)
MUS 2420 - Instrumental Techniques for Choral Majors (2) *
MUS 1161 - Vocal Techniques for Instrumentalists I (1)
MUS 1162 - Vocal Techniques for Instrumentalists II (2)
MUA 1000 - Voice
(4) or MUA 2000 - Voice
(by audition) (4)
MUS 2163 - Diction for Singers I (2)
MUS 2164 - Diction for Singers II (2)
MUS 3173 - Keyboard Skills for the Piano Major I (2)
MUS 3174 - Keyboard Skills for the Piano Major II (2)
MUS 3175 - Accompanying for Piano Majors (2)
Required courses for both voice and piano majors
Music history, theory, and world music - 28 credits (or placement)
MUS 1212 - Music Theory I (3) and MUS 1213 - Aural Skills I
(1)
MUS 1214 - Music Theory II (3) and MUS 1215 - Aural Skills II
(1)
MUS 2212 - Music Theory III (3) and MUS 2213 - Aural Skills III
(1)
MUS 2214 - Music Theory IV (3) and MUS 2215 - Aural Skills IV
(1)
MUS 1331 - History and Literature of Western Tonal Music (3)
MUS 1332 - Music of World Cultures (3)
MUS 3331 - History and Literature of Medieval and Renaissance Music (3)
MUS 3332 - History and Literature of Western Music from ca. 1850 to the Present (3)
History or theory elective course (1 course) selected from
MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis (4)
MUS 4323 - Berlin's Musical Cultures: 1900-1989 (4)
MUS 4330 - Seminar in Opera and Drama (4)
MUS 3211 - Musical Analysis and Form (4)
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MUS 3212 - Counterpoint (4)
MUS 4210 - Analysis of Music Since 1900 (4)
Minimum of 2 credits of improvisation or composition selected from

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MUE 3015-Oakland Jazz Singers (0 OR 1)
MUE 3040-Oakland University Jazz Band (0 OR 1)
MUE 3041 - Jazz Improvisation Combos (0 OR 1)
MUE 3045 - African Ensemble (0 OR 1)
MUE 3046 - Steel Band (0 OR 1)
MUE 3048 - World Percussion Ensemble (O OR 1)
MUE 3065 - Contemporary Music Ensemble (0 OR 1)
MUS 3601 - Jazz Theory and Improvisation I (2)
MUS 3602 - Jazz Theory and Improvisation II (2)
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Language - 4 credits
Must choose a foreign language (Italian, French, or German required for voice performance) to fulfill general education foreign language requirement (not ALS or ML).

Ensembles - 8 credits

Must enroll in ensemble that uses primary performance area every semester of major. Voice majors must choose a vocal ensemble. Pianists may choose any major ensemble.

MUE 3001 - University Chorus (0 OR 1)
MUE 3004 - Oakland Chorale (0 OR 1)
MUE 3019 - Chamber Orchestra (0 OR 1)
MUE 3020 - Oakland Symphony (O OR 1)
MUE 3029 - Symphonic Band (O OR 1)
MUE 3031 - Wind Symphony (0 OR 1)

Professional music education courses and requirements - 41 credits (or placement)
MUS 2440 - Learning and Teaching Music (1) *
MUS 2441 - Educational Psychology and Music Learning (3) *
MUS 3441 - Elementary General Music Methods (3) *
MUS 4408 - Choral Methods (3) *
MUS 3581 - Conducting I (2) *
MUS 3582 - Conducting II (2) *
MUS 4401 - Instrumental Methods for Choral Majors (1) *
MUS 4431 - Teaching Music in the 21st Century I (3) *
MUS 4432 - Teaching Music in the 21st Century II (3) *
RDG 4238 - Teaching Reading in the Content Areas (4) *
MUS 4434 - Teaching Music to Learners with Exceptionalities (4)
SED 4951 Internship I: Pre-Student Teaching (4)
SED 4952 Internship in Secondary Education (8)
Michigan Test for Teacher Certification (MTTC) for Music Education.

* A minimum grade of $B$ is required in all professional courses.


## Note

For piano majors, enrollment in MUS 1160 or MUS 1161 is by placement audition. Students placing into MUS 1160 take the following 8 credits sequence: MUS 1160, MUA 1000 and two semesters of MUA 2000. Students placing into MUS 1161 take the following 7-credit sequence: MUS 1161, MUS 1162 and two semesters of MUA 1000.
Non-credit requirements

Events attendance requirement: Students must complete four attendance cards (ten events each year for four years). One events attendance card must be submitted by the time of major standing.

Major standing

Application for music education major standing takes place upon completion of all freshman and sophomore coursework.
Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124 ; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Music Education and Performance, Instrumental and General Music, B.M.

Requirements for the major in music education and performance, B.M., specialization in instrumental and general music
Admission to Music degree programs

Admission to the music degree programs at Oakland University (OU) is a two-tiered process, except for the B.A. in Music. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. For all B.M. programs, the second step is the major standing audition, which determines whether students may continue in the program, and if they can be admitted into a professional program in the school.

## Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the school website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

Students seeking admission to Oakland University as music majors or auditioned music minors must audition for the music faculty.

Students who audition and do not enroll within two semesters must re-audition.

Students who enroll and leave school for at least two semesters must re-audition. Music students who enroll and leave school must re-audition and also retake the theory placement exam.

The Bachelor of Music degree is intended for students who wish pre-professional and professional preparation in music education and/or performance. Students should consult the Undergraduate Music Handbook available on the department website and should also consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program.

Only major courses in which a grade of at least $C$ has been earned will count toward the major. A minimum grade of $B$ is required in all professional courses, marked with an asterisk (*) in the list below. Application for music education major standing takes place upon completion of all freshman and sophomore coursework.

For this program, MUS 1331 satisfies the general education arts requirement; MUS 3331, 3332 and 4431 count as writing intensive in the major; and MUA 4998 and MUS 4431 count as the general education capstone.

Degree requirements are as follows:
Applied music - 39 credits (or placement)

Applied principal instrument: 1000-2002 level ( 2 credits per semester; total of 8 credits required Applied principal instrument: 3000-4000 level (4 credits per semester; total of 12 credits required) MUA 4998 - Senior Recital (4 OR 6) (6)
MUS 1161 - Vocal Techniques for Instrumentalists I (1)
MUS 1171 - Keyboard Technique I (2)
MUS 1172 - Keyboard Technique II (2)
MUS 2171 - Keyboard Technique III (2)
MUS 2172 - Keyboard Technique IV (2)
MUS 4563 - Instrumental Repertoire I (1)
MUS 4564 - Instrumental Repertoire II (1)
MUS 4547 - Instrumental Teaching Studio (2)

Music history, theory, and world music - 28 credits (or placement)

MUS 1212 - Music Theory I (3) /MUS 1213 - Aural Skills I
(1)

MUS 1214 - Music Theory II (3) /MUS 1215 - Aural Skills II
(1)

MUS 2212 - Music Theory III (3) /MUS 2213 - Aural Skills III
(1)

MUS 2214 - Music Theory IV (3) /MUS 2215 - Aural Skills IV
(1)

MUS 1331 - History and Literature of Western Tonal Music (3)
MUS 1332 - Music of World Cultures (3)
MUS 3331 - History and Literature of Medieval and Renaissance Music (3)
MUS 3332 - History and Literature of Western Music from ca. 1850 to the Present (3)

History or theory elective (1 course) selected from

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MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis (4)
MUS 4323 - Berlin's Musical Cultures: 1900-1989 (4)
MUS 4330 - Seminar in Opera and Drama (4)
MUS 3211 - Musical Analysis and Form (4)
MUS 3212 - Counterpoint (4)
MUS 4210 - Analysis of Music Since 1900 (4)
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Minimum of 2 credits of improvisation or composition selected from
MUE 3015 - Oakland Jazz Singers (0 OR 1)
MUE 3040 - Oakland University Jazz Band (0 OR 1)
MUE 3041 - Jazz Improvisation Combos (0 OR 1)
MUE 3045 - African Ensemble (0 OR 1)
MUE 3046 - Steel Band (0 OR 1)
MUE 3048 - World Percussion Ensemble (0 OR 1)
MUE 3065 - Contemporary Music Ensemble (0 OR 1)
MUS 3601 - Jazz Theory and Improvisation I (2)
MUS 3602 - Jazz Theory and Improvisation II (2)

Language - 4 credits
Must choose a foreign language to fulfill general education foreign language requirement (not ALS or ML ).

Ensembles - 12 credits

Must enroll in a large ensemble that uses the primary performance area every semester of major.
Large ensembles: MUE 3029 - Symphonic Band or MUE 3019 - Chamber Orchestra or MUE 3031 -
Wind Symphony (8)
Small ensembles (4)

Professional music education courses and requirements - 48 credits (or placement)
MUS 2421 - Percussion Techniques (1) *
MUS 2422 - Brass Techniques (1) *
MUS 2423 - Woodwind Techniques (1) *
MUS 2424 - String Techniques (1) *
MUS 2440 - Learning and Teaching Music (1) *
MUS 2441 - Educational Psychology and Music Learning (3) *
MUS 3441 - Elementary General Music Methods (3) *
MUS 3581 - Conducting I (2) *
MUS 3582 - Conducting II (2) *
MUS 4402 - Elementary Instrumental Methods (2) *
MUS 4403 - Secondary Instrumental Methods (2) *
MUS 4405 - Marching Band Methods (1) *
MUS 4406 - Jazz Pedagogy (1) *

MUS 4407 - Choral Methods for Instrumental Majors (1) *
MUS 4431 - Teaching Music in the 21st Century I (3) *
MUS 4432 - Teaching Music in the 21st Century II (3) *
RDG 4238 - Teaching Reading in the Content Areas (4) *
MUS 4434 - Teaching Music to Learners with Exceptionalities (4)
SED 4952 Internship in Secondary Education (12) *
Michigan Test for Teacher Certification (MTTC) for Music Education.
*A minimum grade of $B$ is required in all professional courses.

Non-credit requirements

Major standing
Events attendance requirement: Students must complete four attendance cards (ten events each year for four years). One events attendance card must be submitted by the time of major standing.

Application for music education major standing takes place upon completion of all freshman and sophomore coursework.
Note

Application for music education major standing takes place upon completion of all freshman and sophomore coursework.
Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124 ; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Music Education, Choral and General Music, B.M.

Requirements for the major in music education, B.M., specializing in choral and general music Admission to Music degree programs

Admission to the music degree programs at Oakland University (OU) is a two-tiered process, except for the B.A. in Music. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. For all B.M. programs, the second step is the major standing audition, which determines whether students may continue in the program, and if they can be admitted into a professional program in the school.

Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the school website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

Students seeking admission to Oakland University as music majors or auditioned music minors must audition for the music faculty.

Students who audition and do not enroll within two semesters must re-audition.
Students who enroll and leave school for at least two semesters must re-audition. Music students who enroll and leave school must re-audition and also retake the theory placement exam.

The Bachelor of Music degree is intended for students who wish pre-professional and professional preparation in music education and/or performance. Students should consult the Undergraduate Music Handbook available on the department website and should also consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program.

Only major courses in which a grade of at least $C$ has been earned will count toward the major. A minimum grade of $B$ is required in all professional courses, marked with an asterisk $\left(^{*}\right)$ in the list below. Application for music education major standing takes place upon completion of all freshman and sophomore coursework.

For this program,MUS 1331 satisfies the general education arts requirement; MUS 3331, 3332, and 4431 count as writing intensive in the major; and MUS 4431 counts as the general education capstone.

Degree requirements are as follows:

Requirements specific to the voice major - 35 credits (or placement)

```
MUS 1160-Vocal Techniques (2)
MUA 1000 - Voice
(1 credit first semester, 2 credits second semester, 3 credits total)
MUA 2000 - Voice
(2 credits per semester, 4 credits total)
MUA 3000 - Voice
(2 credits per semester, 4 credits total)
MUA 4000 - Voice
(2 credits per semester, 4 credits total)
MUS 2163-Diction for Singers I (2)
MUS 2164 - Diction for Singers II (2)
MUS 2420-Instrumental Techniques for Choral Majors (2) *
MUS 1171 - Keyboard Technique I (2)
MUS 1172 - Keyboard Technique II (2)
MUS 2171 - Keyboard Technique III (2)
MUS 2172 - Keyboard Technique IV (2)
MUS 3171 - Accompanying for the Non-pianist I (2)
MUS 3172 - Accompanying for the Non-pianist II (2)
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Requirements specific to the piano major - 36 credits (or placement)
MUA 1002 - Piano
( 2 credits per semester, 4 credits total)
MUA 2002 - Piano
( 2 credits per semester, 4 credits total)
MUA 3002 - Piano
(2 credits per semester, 4 credits total)
MUA 4002 - Piano
( 2 credits per semester, 4 credits total)
MUS 1175 - Piano Technique Seminar (1)
MUS 1161 - Vocal Techniques for Instrumentalists I (1)
MUS 1162 - Vocal Techniques for Instrumentalists II (2)
MUA 1000 - Voice
(4) or MUA 2000 Voice (by audition) (4)

MUS 2420 - Instrumental Techniques for Choral Majors (2) *
MUS 2163 - Diction for Singers I (2)
MUS 2164 - Diction for Singers II (2)
MUS 3171 - Accompanying for the Non-pianist I (2)
MUS 3173 - Keyboard Skills for the Piano Major I (2)
MUS 3174 - Keyboard Skills for the Piano Major II (2)
Required courses for both voice and piano majors
Music history, theory, and world music - 28 credits (or placement)
MUS 1212 - Music Theory I (3) /MUS 1213 - Aural Skills I
(1)

MUS 1214 - Music Theory II (3) /MUS 1215 - Aural Skills II
(1)

MUS 2212 - Music Theory III (3) /MUS 2213 - Aural Skills III
(1)

MUS 2214 - Music Theory IV (3) /MUS 2215 - Aural Skills IV
(1)

MUS 1331 - History and Literature of Western Tonal Music (3)
MUS 1332 - Music of World Cultures (3)
MUS 3331 - History and Literature of Medieval and Renaissance Music (3)
MUS 3332 - History and Literature of Western Music from ca. 1850 to the Present (3)
History or theory elective course (1 course) selected from
MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis (4)
MUS 4323 - Berlin's Musical Cultures: 1900-1989 (4)
MUS 4330 - Seminar in Opera and Drama (4)
MUS 3211 - Musical Analysis and Form (4)
MUS 3212 - Counterpoint (4)
MUS 4210 - Analysis of Music Since 1900 (4)

Minimum of 2 credits of improvisation or composition selected from

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MUE 3015 - Oakland Jazz Singers (0 OR 1)
MUE 3040- Oakland University Jazz Band (0 OR 1)
MUE 3041 - Jazz Improvisation Combos (O OR 1)
MUE 3045 - African Ensemble (0 OR 1)
MUE 3046 - Steel Band (0 OR 1)
MUE 3048 - World Percussion Ensemble (0 OR 1)
MUE 3065 - Contemporary Music Ensemble (0 OR 1)
MUS 3601 - Jazz Theory and Improvisation I (2)
MUS 3602 - Jazz Theory and Improvisation II (2)
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Language - 4 credits

Must choose a foreign language (Italian, French, or German recommended) to fulfill foreign language requirement (not ALS or ML)

Ensembles - 8 credits

Must enroll in ensemble that uses primary performance area every semester of major. Voice majors must choose a vocal ensemble. Pianists may choose any major ensemble.

MUE 3001 - University Chorus (0 OR 1)
MUE 3004 - Oakland Chorale (0 OR 1)
MUE 3019 - Chamber Orchestra (O OR 1)
MUE 3020 - Oakland Symphony (0 OR 1)
MUE 3029 - Symphonic Band (O OR 1)
MUE 3031 - Wind Symphony (O OR 1)

Professional courses and requirements - 41 credits (or placement)

MUS 2440 - Learning and Teaching Music (1) *
MUS 2441 - Educational Psychology and Music Learning (3) *
MUS 3441 - Elementary General Music Methods (3) *
MUS 3581 - Conducting I (2) *
MUS 3582 - Conducting II (2) *
MUS 4408 - Choral Methods (3) *
MUS 4401 - Instrumental Methods for Choral Majors (1) *
MUS 4431 - Teaching Music in the 21st Century I (3) *
MUS 4432 - Teaching Music in the 21st Century II (3) *
MUS 4434 - Teaching Music to Learners with Exceptionalities (4)
RDG 4238 - Teaching Reading in the Content Areas (4) *
SED 4952 Internship in Secondary Education (12) *

Michigan Test for Teacher Certification (MTTC) for Music Education.
Application for music education standing take splace upon completion of all freshman and sophomore coursework.

Note
*A minimum grade of $B$ is required in all professional courses.

For students with piano as applied major, enrollment in MUS 1160 or MUS 1161 is by placement audition. Students placing into MUS 1160 take the following 8-credit sequence: MUS 1160, MUA 1000 and two semesters of MUA 2000. Students placing into MUS 1161 take the following 7-credit sequence: MUS 1161, MUS 1162 and two semesters of MUA 1000.
Non-credit requirements

Major standing
Events attendance requirement: Students must complete four attendance cards (ten events each year for four years). One events attendance card must be submitted by the time of major standing.

Application for music education major standing takes place upon completion of all freshman and sophomore coursework.
Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Music Education, Instrumental and General Music, B.M.

Requirements for the major in music education, B.M., specialization in instrumental and general music Admission to Music degree programs

Admission to the music degree programs at Oakland University (OU) is a two-tiered process, except for the B.A. in Music. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. For all B.M. programs, the second step is the major standing audition, which determines whether students may continue in the program, and if they can be admitted into a professional program in the school.

Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the school website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

Students seeking admission to Oakland University as music majors or auditioned music minors must audition for the music faculty.

Students who audition and do not enroll within two semesters must re-audition. Students who enroll and leave school for at least two semesters must re-audition.

Music students who enroll and leave school must re-audition and also retake the theory placement exam.

The Bachelor of Music degree is intended for students who wish pre-professional and professional preparation in music education and/or performance. Students should consult the Undergraduate Music Handbook available on the department website and should also consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program.

Only major courses in which a grade of at least C has been earned will count toward the major. A minimum grade of $B$ is required in all professional courses, marked with an asterisk $\left(^{*}\right.$ ) in the list below. Application for music education major standing takes place upon completion of all freshman and sophomore coursework.

For this program, MUS 1331 satisfies the general education arts requirement; MUS 3331, 3332, and 4431 count as writing intensive in the major: and MUS 4431 counts as the general education capstone.

Degree requirements are as follows:

Applied music - 23 credits (or placement)
MUA 1xxx-4xxx - Applied major (normally an orchestral instrument)
MUA 1xxx ( 2 credits per semester, 4 credits total)
MUA 2xxx ( 2 credits per semester, 4 credits total)
MUA $3 x x x$ ( 2 credits per semester, 4 credits total)
MUA 4xxx ( 2 credits per semester, 4 credits total)
MUS 1171 - Keyboard Technique I (2)
MUS 1172 - Keyboard Technique II (2)
MUS 2171 - Keyboard Technique III (2)
MUS 1161 - Vocal Techniques for Instrumentalists I (1)
Music history, theory, and world music - 28 credits (or placement)
MUS 1212 - Music Theory I (3) and MUS 1213 - Aural Skills I (1)
MUS 1214 - Music Theory II (3) and MUS 1215 - Aural Skills II (1)
MUS 2212 - Music Theory III (3) and MUS 2213 - Aural Skills III (1)
MUS 2214 - Music Theory IV (3) and MUS 2215 - Aural Skills IV (1)
MUS 1331 - History and Literature of Western Tonal Music (3)
MUS 1332 - Music of World Cultures (3)
MUS 3331 - History and Literature of Medieval and Renaissance Music (3)
MUS 3332 - History and Literature of Western Music from ca. 1850 to the Present (3)
History or theory elective (1 course) selected from
MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis (4)
MUS 4323 - Berlin's Musical Cultures: 1900-1989 (4)
MUS 4330 - Seminar in Opera and Drama (4)
MUS 3211 - Musical Analysis and Form (4)

MUS 3212 - Counterpoint (4)
MUS 4210 - Analysis of Music Since 1900 (4)

Minimum of 2 credits of improvisation or composition selected from

MUE 3015 - Oakland Jazz Singers (0 OR 1)
MUE 3040 - Oakland University Jazz Band (0 OR 1)
MUE 3041 - Jazz Improvisation Combos (0 OR 1)
MUE 3045 - African Ensemble (0 OR 1)
MUE 3046 - Steel Band (0 OR 1)
MUE 3048 - World Percussion Ensemble (0 OR 1)
MUE 3065 - Contemporary Music Ensemble (0 OR 1)
MUS 3601 - Jazz Theory and Improvisation I (2)
MUS 3602 - Jazz Theory and Improvisation II (2)

Language - 4 credits

Must choose a foreign language to fulfill general education foreign language requirement (not ALS or ML)

Ensembles - 8 credits

Must enroll in a large ensemble that uses the primary performance area every semester of major.

Large ensembles: MUE 3029 - Symphonic Band or MUE 3019 - Chamber Orchestra or MUE 3031 Wind Symphony (8)

Professional courses and requirements - 48 credits (or placement)

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MUS 2421 - Percussion Techniques (1) *
MUS 2422 - Brass Techniques (1) *
MUS 2423-Woodwind Techniques (1) *
MUS 2424 - String Techniques (1) *
MUS 2440 - Learning and Teaching Music (1) *
MUS 2441 - Educational Psychology and Music Learning (3) *
MUS 3441 - Elementary General Music Methods (3) *
MUS 3581 - Conducting I (2)
MUS 3582 - Conducting II (2)
MUS 4402 - Elementary Instrumental Methods (2) *
MUS 4403 - Secondary Instrumental Methods (2) *
MUS 4405 - Marching Band Methods (1) *
MUS 4406 - Jazz Pedagogy (1) *
MUS 4407 - Choral Methods for Instrumental Majors (1) *
MUS 4431 - Teaching Music in the 21st Century I (3) *
MUS 4432-Teaching Music in the 21st Century II (3)
MUS 4434 - Teaching Music to Learners with Exceptionalities (4)
RDG 4238 - Teaching Reading in the Content Areas (4) *
SED }4952\mathrm{ Internship in Secondary Education * (12)
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Michigan Test for Teacher Certification (MTTC) for Music Education
*A minimum grade of $B$ is required in all professional courses.

Application for music education major standing takes place upon completion of all freshman and sophomore coursework.

## Non-credit requirements

Events attendance requirement: Students must complete four attendance cards (ten events each year for four years). One events attendance card must be submitted by the time of major standing.

Major Standing

Application for music education major standing takes place upon completion of all freshman and sophomore coursework.
Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Music Technology, B.M.

Requirements for the major in music technology and industry, Bachelor of Music program Admission to Music degree programs

Admission to the music degree programs at Oakland University ( OU ) is a two-tiered process, except for the B.A. in Music. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. For all B.M. programs, the second step is the major standing audition, which determines whether students may continue in the program, and if they can be admitted into a professional program in the school.
Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the school website. Please submit application to the school office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

Students seeking admission to Oakland University as music majors or auditioned music minors must audition for the music faculty.

Students who audition and do not enroll within two semesters must re-audition.
Students who enroll and leave school for at least two semesters must re-audition. Music students who enroll and leave school must re-audition and also retake the theory placement exam.

The Bachelor of Music degree is intended for students who wish pre-professional and professional preparation in music education and/or performance, piano pedagogy, or music technology and industry. Students should consult the Undergraduate Music Handbook available on the department website and should also consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program.

Only major courses in which a grade of at least $C$ has been earned will count toward the major. For this program, MUS 1331 satisfies the General Education arts requirement. MUS 3331 and MUS 3332 count as writing intensive in the major. MUS 4998 counts as the general education capstone.

Degree requirements are as follows:
Applied music - 20 credits (or placement)

Must achieve 3000-level in principal instrument or voice:

Applied principal instrument or voice 1000 level (4) ( 2 credits per semester, 4 credits total) Applied principal instrument or voice 2000 level (4) ( 2 credits per semester, 4 credits total) Applied principal instrument or voice 3000 level (4) ( 2 credits per semester, 4 credits total) Applied principal instrument or voice 3000 or 4000 level (4) ( 2 credits per semester, 4 credits total) MUS 1171 - Keyboard Technique I (2) MUS 1172 - Keyboard Technique II (2)

Music history, theory, and world music - 28 credits (or placement)

MUS 1212 - Music Theory I (3) and MUS 1213 - Aural Skills I (1)
MUS 1214 - Music Theory II (3) and MUS 1215 - Aural Skills II (1)
MUS 2212 - Music Theory III (3) and MUS 2213 - Aural Skills III (1)
MUS 2214 - Music Theory IV (3) and MUS 2215 - Aural Skills IV (1)
MUS 1331 - History and Literature of Western Tonal Music (3)
MUS 1332 - Music of World Cultures (3)
MUS 3331 - History and Literature of Medieval and Renaissance Music (3)
MUS 3332 - History and Literature of Western Music from ca. 1850 to the Present (3)

Music technology and industry - 30 credits

MUS 2701 - Creative Composition I (2)
MUS 2702 - Creative Composition II (2)
MUS 3053 - Acoustics for Musicians (2)
MUS 3054 - Basic Recording Techniques (2)
MUS 3701 - Music Technology I: MIDI and Sequencing (2)
MUS 3702 - Music Technology II: Audio Design and Processing (2)
MUS 3711 - Advanced Recording Techniques (2)
MUS 4701 - Orchestration and Arranging (3)
MUS 4711 - Interactive Computer Music (2)
MUS 4720 - Career Building for Musicians (2)
MUS 4951 - Music Industry Internship (4)
MUS 4998 - Senior Project: Music Technology and Recording (3)

Minimum of 2 credits of improvisation selected from

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    MUE 3015 - Oakland Jazz Singers (0 OR 1)
    MUE 3040- Oakland University Jazz Band (0 OR 1)
    MUE 3041 - Jazz Improvisation Combos (O OR 1)
    MUE 3045 - African Ensemble (0 OR 1)
    MUE 3046 - Steel Band (0 OR 1)
    MUE 3048 - World Percussion Ensemble (0 OR 1)
    MUE 3065 - Contemporary Music Ensemble (0 OR 1)
    MUS 3601 - Jazz Theory and Improvisation I (2)
    MUS 3602 - Jazz Theory and Improvisation II (2)
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Language - 4 credits

Must choose a foreign language to fulfill general education foreign language requirement (not ALS or ML)

Ensembles - 8 credits

Must enroll in an ensemble that uses the primary performance area every semester of major.

MUE 3001 - University Chorus (0 OR 1)
MUE 3004 - Oakland Chorale (0 OR 1)
MUE 3019 - Chamber Orchestra (O OR 1)
MUE 3020 - Oakland Symphony (O OR 1)
MUE 3029 - Symphonic Band (O OR 1)
MUE 3031 - Wind Symphony (0 OR 1)

Non-credit requirement

Events attendance requirement: Students must complete four attendance cards (ten events each year for four years). One events attendance card must be submitted by the time of major standing.

Major Standing

Recommended general education courses

Western Civilization: AN 3110 - Culture, Society and Technology or COM 3607 - Rise of Electronic Media

Formal Reasoning: MTH 1118 - Mathematical Sciences in the Modern World or CSI 1200Introduction to Computing and Programming using Excel or CSI 1220 - Computer Animation

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Piano Performance, B.M.

Requirements for the major in piano performance, B.M.
Admission to Music degree programs

Admission to the music degree programs at Oakland University ( OU ) is a two-tiered process, except for the B.A. in Music. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. For all B.M. programs, the second step is the major standing audition, which determines whether students may continue in the program, and if they can be admitted into a professional program in the school.

## Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the school website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

Students seeking admission to Oakland University as music majors or auditioned music minors must audition for the music faculty.

Students who audition and do not enroll within two semesters must re-audition.
Students who enroll and leave school for at least two semesters must re-audition. Music students who enroll and leave school must re-audition and also retake the theory placement exam.

The Bachelor of Music degree is intended for students who wish pre-professional and professional preparation in music education and/or performance. Students should consult the Undergraduate Music Handbook available on the department website and should also consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program.

Only major courses in which a grade of at least $C$ has been earned will count toward the major. For this program,
MUS 1331
satisfies the general education arts requirement. MUS 3331 and MUS 3332
count as writing intensive in the major, and MUA 4998 counts as the general education capstone in the major.

Degree requirements are as follows:

Applied music - 31 credits (or placement)

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    MUA 1002- Piano (1 OR 2) (4) (2 credits per semester, 4 credits total)
    MUA 2002- Piano (1 OR 2) (4) (2 credits per semester, 4 credits total)
    MUA 3002 - Piano (1 TO 4) (8) (4 credits per semester, 8 credits total)
    MUA 4002 - Piano (1 TO 4) (4) (4 credits total)
    MUA 4998 - Senior Recital (4 OR 6) (4)
    MUS 1175 - Piano Technique Seminar (1)
    MUS 3173 - Keyboard Skills for the Piano Major I (2)
    MUS 3174 - Keyboard Skills for the Piano Major II (2)
    MUS 3175 - Accompanying for Piano Majors (2)
Music history, theory, and world music - 28 credits (or placement)
    MUS 1212 - Music Theory I (3) and MUS 1213 - Aural Skills I
    MUS 1214 - Music Theory II (3) and MUS 1215 - Aural Skills II
    MUS 2212 - Music Theory III (3) and MUS 2213 - Aural Skills III
    MUS 2214 - Music Theory IV (3) and MUS 2215 - Aural Skills IV
    MUS 1331-History and Literature of Western Tonal Music (3)
    MUS 1332-Music of World Cultures (3)
    MUS 3331 - History and Literature of Medieval and Renaissance Music (3)
    MUS 3332 - History and Literature of Western Music from ca. }1850\mathrm{ to the Present (3)
History or theory elective course (1 course) selected from
    MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis (4)
    MUS 4323 - Berlin's Musical Cultures: 1900-1989 (4)
    MUS 4330 - Seminar in Opera and Drama (4)
    MUS 3211 - Musical Analysis and Form (4)
    MUS 3212 - Counterpoint (4)
    MUS 4210 - Analysis of Music Since 1900 (4)
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Other required courses - 12 credits (or placement)
MUS 3581 - Conducting I (2)
MUS 3582 - Conducting II (2)
MUS 4541 - Piano Pedagogy I (2)
MUS 4542 - Piano Pedagogy II (2)
MUS 4555 - Piano Repertoire I (2)
MUS 4556 - Piano Repertoire II (2)
Ensembles - 11 credits

Must enroll in a large ensemble every semester of major for a total of 8 credits

Large ensembles: MUE 3001 - University Chorus, MUE 3004 - Oakland Chorale, MUE 3019 - Chamber Orchestra, MUE 3029 - Symphonic Band, or MUE 3031 - Wind Symphony

Must enroll in chamber music 3 times for a total of 3 credits

MUE 3080 - Chamber Music
Language - 4 credits

Must choose a foreign language to fulfill general education foreign language requirement (not ALS or ML ).
Non-credit requirements

Major standing
Events attendance requirement: Students must complete four attendance cards (ten events each year for four years). One events attendance card must be submitted by the time of major standing.

Fifteen minute sophomore recital
Twenty-five minute junior recital

## Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124 ; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Piano Performance, B.M., Specialization in Pedagogy

Requirements for the major in piano performance, B.M., specialization in pedagogy
Admission to Music degree programs

Admission to the music degree programs at Oakland University (OU) is a two-tiered process, except for the B.A. in Music. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. For all B.M. programs, the second step is the major standing audition, which determines whether students may continue in the program, and if they can be admitted into a professional program in the school.
Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the school website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

Students seeking admission to Oakland University as music majors or auditioned music minors must audition for the music faculty.

Students who audition and do not enroll within two semesters must re-audition.

Students who enroll and leave school for at least two semesters must re-audition. Music students who enroll and leave school must re-audition and also retake the theory placement exam.

The Bachelor of Music degree is intended for students who wish pre-professional and professional preparation in music education and/or performance. Students should consult the Undergraduate Music Handbook available on the department website and should also consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program.

Only major courses in which a grade of at least 2.0 has been earned will count toward the major. For this program, MUS 1331 satisfies the general education arts requirement. MUS 3331 and MUS 3332 count as writing intensive in the major, and MUA 4998 counts as the general education capstone in the major. Degree requirements are as follows Applied music - 31 credits (or placement)

MUA 1002 - Piano (1 OR 2) (2 credits per semester, 4 credits total)
MUA 2002 - Piano (1 OR 2) (2 credits per semester, 4 credits total) MUA 3002 - Piano (1 TO 4) (4 credits per semester, 8 credits total) MUA 4002 - Piano (1 TO 4) (4 credits per semester, 4 credits total) MUS 1175 - Piano Technique Seminar (1)
MUS 3173 - Keyboard Skills for the Piano Major I (2)
MUS 3174 - Keyboard Skills for the Piano Major II (2)
MUS 3175 - Accompanying for Piano Majors (2)
MUA 4998 Senior Recital (4)
Music history, theory, and world music - 32 credits (or placement)
MUS 1212 - Music Theory I (3) and MUS 1213 Aural Skills I (1)
MUS 1214 - Music Theory II (3) and MUS 1215 Aural Skills II (1)
MUS 2212 - Music Theory III (3) and MUS 2213 Aural Skills III (1)
MUS 2214 - Music Theory IV (3) and MUS 2215 Aural Skills IV (1)
MUS 1331 - History and Literature of Western Tonal Music (3)
MUS 1332 - Music of World Cultures (3)
MUS 3211 - Musical Analysis and Form (4)
MUS 3331 - History and Literature of Medieval and Renaissance Music (3)
MUS 3332 - History and Literature of Western Music from ca. 1850 to the Present (3)

History or theory elective course (1 course) selected from

MUS 3212 - Counterpoint (4)
MUS 4210 - Analysis of Music Since 1900 (4)
MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis (4)
MUS 4323 - Berlin's Musical Cultures: 1900-1989 (4)
MUS 4330 - Seminar in Opera and Drama (4)

Other required courses - 20 credits (or placement)

MUS 3581 - Conducting I (2)
MUS 4541 - Piano Pedagogy I (2)

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MUS 4542 - Piano Pedagogy II (2)
MUS 4543 - Piano Pedagogy III (3)
MUS 4544 - Piano Pedagogy IV (3)
MUS 4555 - Piano Repertoire I (2)
MUS 4556 - Piano Repertoire II (2)
MUS 4950 Pedagogy Internship (1) (must take 2 times for a total of 2 credits)
MUS 4994 Senior Pedagogy Project (2)
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Ensembles - 11 credits

Must enroll in a large ensemble every semester of major (for a total of 8 credits).

Large ensembles: MUE 3001 University Chorus(1) or MUE 3004 Oakland Chorale(1) or MUE 3019
Chamber Orchestra (1) or MUE 3029 Symphonic Band (1) or MUE 3031 Wind Symphony (1)

Must enroll in chamber music 3 times for credit (for a total of 3 credits).

MUE 3080 Chamber Music (1)
Language - 4 credits

Must choose a foreign language to fulfill general education foreign language requirement (not ALS or ML)

Non-credit requirements

Major standing
Events attendance requirement: Students must complete four attendance cards (ten events each year for four years). One events attendance card must be submitted by the time of major standing.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124 ; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Piano Pedagogy, B.M.

Requirements for the major in piano pedagogy, B.M.
Admission to Music degree programs

Admission to the music degree programs at Oakland University (OU) is a two-tiered process, except for the B.A. in Music. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. For all B.M. programs, the second step is the major standing audition, which determines whether students may continue in the program, and if they can be admitted into a professional program in the school.

Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the school website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

Students seeking admission to Oakland University as music majors or auditioned music minors must audition for the music faculty.

Students who audition and do not enroll within two semesters must re-audition.
Students who enroll and leave school for at least two semesters must re-audition. Music students who enroll and leave school must re-audition and also retake the theory placement exam.

The Bachelor of Music degree is intended for students who wish pre-professional and professional preparation in music education and/or performance. Students should consult the Undergraduate Music Handbook available on the department website and should also consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program.

Only major courses in which a grade of $C$ has been earned will count toward the major. For this program, MUS 1331 satisfies the general education arts requirement. MUS 3331 and MUS 3332 count as writing intensive in the major, and MUA 4998 counts as the general education capstone in the major. Degree requirements are as follows Applied music - 21 credits (or placement)

MUA 1002 - Piano (1 OR 2) (2 credits per semester, 4 credits total) MUA 2002 - Piano (1 OR 2) (2 credits per semester, 4 credits total) MUA 3002 - Piano (1 TO 4) (2 credits per semester, 4 credits total) MUA 4002 - Piano (1 TO 4) (1 semester, 2 credits total) MUS 1175 - Piano Technique Seminar (1) MUS 3173 - Keyboard Skills for the Piano Major I (2) MUS 3174 - Keyboard Skills for the Piano Major II (2) MUS 3175 - Accompanying for Piano Majors (2)

Music history, theory, and world music - 32 credits (or placement)

MUS 1212 - Music Theory I (3) and MUS 1213 Aural Skills I (1)
MUS 1214 - Music Theory II (3) and MUS 1215 Aural Skills II (1)
MUS 2212 - Music Theory III (3) and MUS 2213 Aural Skills III (1)
MUS 2214 - Music Theory IV (3) and MUS 2215 Aural Skills IV (1)
MUS 1331 - History and Literature of Western Tonal Music (3)
MUS 1332 - Music of World Cultures (3)
MUS 3211 - Musical Analysis and Form (4)
MUS 3331 - History and Literature of Medieval and Renaissance Music (3)
MUS 3332 - History and Literature of Western Music from ca. 1850 to the Present (3)

History or theory elective course (1 course) selected from

MUS 3212 - Counterpoint (4)
MUS 4210 - Analysis of Music Since 1900 (4)

MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis (4)
MUS 4323 - Berlin's Musical Cultures: 1900-1989 (4)
MUS 4330 - Seminar in Opera and Drama (4)
Other required courses - 20 credits (or placement)

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MUS 4541 - Piano Pedagogy I (2)
MUS 4542 - Piano Pedagogy II (2)
MUS 4543 - Piano Pedagogy III (3)
MUS 4544 - Piano Pedagogy IV (3)
MUS 4555 - Piano Repertoire I (2)
MUS 4556 - Piano Repertoire II (2)
MUS 4950 Pedagogy Internship (2) (1 credit per semester, 2 credits total)
MUS 4994 Senior Pedagogy Project (4)
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Ensembles - 10 credits
Must enroll in a large ensemble every semester of major (for a total of 8 credits).

Large ensembles: MUE 3001 University Chorus (1) or MUE 3004 Oakland Chorale (1) or MUE 3019 Chamber Orchestra (1) or MUE 3029 Symphonic Band (1) or MUE 3031 Wind Symphony (1).

Must enroll in chamber music 2 times for credit (for a total of 2 credits).
MUE 3080 Chamber Music (1)

Language - 4 credits
Must choose a foreign language to fulfill general education foreign language requirement (not ALS or ML )
Non-credit requirements
Major standing
Events attendance requirement: Students must complete four attendance cards (ten events each year for four years). One events attendance card must be submitted by the time of major standing.

Additional Information
In addition to these major requirements, students must complete the Oakland University General Education Requirements and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Voice Performance, B.M.

Requirements for the major in voice performance, B.M.
Admission to Music degree programs

Admission to the music degree programs at Oakland University (OU) is a two-tiered process, except for the B.A. in Music. The first step in the process for all students is the entrance audition. These auditions are held several times a year and determine whether or not a student will be admitted to OU in any of these degree programs. For all B.M. programs, the second step is the major standing audition, which determines whether students may continue in the program, and if they can be admitted into a professional program in the school.
Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the school website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

Students seeking admission to Oakland University as music majors or auditioned music minors must audition for the music faculty.

Students who audition and do not enroll within two semesters must re-audition.
Students who enroll and leave school for at least two semesters must re-audition.
Music students who enroll and leave school must re-audition and also retake the theory placement exam.

The Bachelor of Music degree is intended for students who wish pre-professional and professional preparation in music education and/or performance. Students should consult the Undergraduate Music Handbook available on the department website and should also consult with the departmental adviser in the College of Arts and Sciences Advising Office to plan their degree program.

Only major courses in which a grade of at least $C$ has been earned will count toward the major. For this program, MUS 1331 satisfies the general education arts requirement, MUS 3331 and MUS 3332 count as writing intensive in the major, and MUA 4998 counts as the general education capstone in the major.

Degree requirements are as follows:
Applied music - 39 credits (or placement)
MUS 1160 - Vocal Techniques (2)
MUA 1000 - Voice
(3) ( 1 credit first semester, 2 credits second semester, 3 credits total)

MUA 2000 - Voice
(4) (2 credits per semester)

MUA 3000 - Voice
(8) (4 credits per semester)

MUA 4000 - Voice
(4) (4 credits per semester)

MUA 4998 - Senior Recital (4 OR 6) (6)
MUS 1171 - Keyboard Technique I (2)

MUS 1172 - Keyboard Technique II (2)
MUS 2171 - Keyboard Technique III (2)
MUS 2172 - Keyboard Technique IV (2)
MUS 3171 - Accompanying for the Non-pianist I (2)
MUS 3172 - Accompanying for the Non-pianist II (2)

Music history, theory, and world music - 28 credits (or placement)

MUS 1212 - Music Theory I (3) /MUS 1213 - Aural Skills I
(1)

MUS 1214 - Music Theory II (3) /MUS 1215 - Aural Skills II
(1)

MUS 2212 - Music Theory III (3) /MUS 2213 - Aural Skills III
(1)

MUS 2214 - Music Theory IV (3) /MUS 2215 - Aural Skills IV
(1)

MUS 1331 - History and Literature of Western Tonal Music (3)
MUS 1332 - Music of World Cultures (3)
MUS 3331 - History and Literature of Medieval and Renaissance Music (3)
MUS 3332 - History and Literature of Western Music from ca. 1850 to the Present (3)

History or theory elective course (1 course) selected from

MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis (4)
MUS 4323 - Berlin's Musical Cultures: 1900-1989 (4)
MUS 4330 - Seminar in Opera and Drama (4)
MUS 3211 - Musical Analysis and Form (4)
MUS 3212 - Counterpoint (4)
MUS 4210 - Analysis of Music Since 1900 (4)

Other required courses - 12 credits (or placement)

MUS 2163 - Diction for Singers I (2)
MUS 2164 - Diction for Singers II (2)
MUS 3581 - Conducting I (2)
MUS 4561 - Vocal Repertoire I (2)
MUS 4562 - Vocal Repertoire II (2)
MUE 3050 - Opera Workshop (1) (2 credits)

Language - 4-8 credits

Italian, French, or German course numbered 1150 or higher
Ensemble - 8 credits

Must enroll in a large ensemble that uses the primary performance area every semester of major.
MUE 3001 - University Chorus (0 OR 1) or

MUE 3004 - Oakland Chorale (0 OR 1)

Non-credit requirements

Major standing
Events attendance requirement: Students must complete four attendance cards (ten events each year for four years). One events attendance card must be submitted by the time of major standing.

## Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124 ; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Piano Performer's Certificate

Requirements for the performer's certificate in undergraduate piano

The Performer's Certificate in Undergraduate Piano is a special course of study designed for undergraduate students with outstanding musical and performance ability. The program is designed to allow students maximum time and flexibility to develop their performing ability while completing essential studies for a solid musical background. Candidates must have a high school diploma or equivalent and, through audition, must demonstrate potential for becoming a concert performer. Admission requirements

High school diploma (or equivalent)
Audition demonstrating that prior experience and musical achievement provide potential for becoming a concert performer. (International students may audition by sending a DVD recording with excellent sound quality.)

## Program Requirements

Students seeking the Performer's Certificate in Undergraduate Piano must successfully complete 40 credits distributed as follows:

MUA 3003 - Applied Piano (Advanced Level for Performer's Certificate) (8)
MUS 3175 Accompanying for Piano Majors (4)
MUE 3080 - Chamber Music (4)
MUE 3XXX - Ensembles (4)
MUS 4555 - Piano Repertoire I (2)
MUS 4556 - Piano Repertoire II (2)
MUS 1212 - Music Theory I (3) and MUS 1213 - Aural Skills I
(1)

MUS 1214 - Music Theory II (3) and MUS 1215 - Aural Skills II
(1)

Electives (conducting, music history, organ, harpsichord, etc.) (8)

Non-credit requirement

Two recitals

## Music Minor

The curriculum for the auditioned minor consists mainly of classes intended for majors, making it possible to apply these courses to a bachelor's degree in music should the student choose to do so. This minor requires the same audition required of music majors. Students must complete a minimum of 25 credits in the following courses. Only courses in which a grade of at least a $C$ has been earned will count toward the minor.

1. Minimum of 9 credits in music history

MUS 1331 - History and Literature of Western Tonal Music (3)
MUS 1332 - Music of World Cultures (3)

Plus one from

MUS 1000 - An Introduction to Music (4)
MUS 1001 - What's On Your Playlist? Music Listening and the Self (4)
MUS 1002 - Exploring Technology in Music (4)
MUS 1005 - Foundations of Rock (4)
MUS 1006 - Exploring Film Music (4)
MUS 1007 - Exploring Jazz (4)
MUS 1010 - Exploring African Music (4)
MUS 1011 - Exploring Caribbean Music (4)
MUS 1012 - Exploring Indian Music (4)
MUS 2020 - Computer-based Music Composition (4)
MUS 2025 - Exploring Songwriting (4)
2. Eight credits of music theory

Music theory sequence, level determined by placement exam
3. Minimum of 4 credits of applied music

Two terms of 1000-level applied lessons on the instrument with which the student performed the entrance audition

Voice students take

MUS 1160 - Vocal Techniques (2) and then
MUA 1000 - Voice
(2)
or
MUS 1161 - Vocal Techniques for Instrumentalists I (1) and MUS 1162 - Vocal Techniques for Instrumentalists II
(2)
4. Four credits of ensemble

Any MUE course, subject to ensemble audition

## Music, Liberal Arts Minor

The curriculum for the traditional liberal arts minor consists mainly of music classes intended for nonmajors. Only a few of these classes can be used for major credit toward a bachelor's degree in music. This minor requires no audition. Students must complete a minimum of 24 credits in the following courses. Only courses in which a grade of at least a $C$ has been earned will count toward the minor.

1. Sixteen credits in music history and theory selected from

MUS 1000-An Introduction to Music (4)
MUS 1001 - What's On Your Playlist? Music Listening and the Self (4)
MUS 1002 - Exploring Technology in Music (4)
MUS 1005 - Foundations of Rock (4)
MUS 1006 - Exploring Film Music (4)
MUS 1007 - Exploring Jazz (4)
MUS 1010 - Exploring African Music (4)
MUS 1011 - Exploring Caribbean Music (4)
MUS 1012 - Exploring Indian Music (4)
MUS 1211 - Basic Musicianship for Music Students (2)
MUS 2020 - Computer-based Music Composition (4)
MUS 2025 - Exploring Songwriting (4)
2. Eight credits applied music and/or ensemble (ensembles may be repeated) selected from:

MUS 1100 - Vocal Techniques for Non-Majors (2)
MUS 1103 - Beginning Guitar for Non-Majors (2)
MUE 3001 - University Chorus (O OR 1)
MUE 3029 - Symphonic Band (O OR 1)
MUE 3045 - African Ensemble (0 OR 1)
MUE 3046 - Steel Band (0 OR 1)

## Music Theory Minor

Requirements for the liberal arts minor in music theory

The Department of Music offers a minor in music theory that is open to music majors and auditioned minors who wish to pursue expanded upper-level study of music theory at the undergraduate level. Interested students should contact music theory program coordinator Melissa Hoag (hoag@oakland.edu). The minor in music theory is designed to expand students' knowledge of repertoire, impart up-to-date date training in the teaching of music theory, and increase students'
experience with analytical inquiry for the betterment of their musicianship. A minimum grade of C is required for each course.
Students must complete a minimum of 20 credits as follows:
Core music theory requirements

MUS 2214 - Music Theory IV (3)
MUS 2215 - Aural Skills IV (1)

Required courses

MUS 3211 - Musical Analysis and Form (4)
MUS 3212 - Counterpoint (4)
MUS 4210 - Analysis of Music Since 1900 (4)
MUS 4212 - Music Theory Pedagogy (4)

## Jazz Studies Minor

Requirements for the minor in jazz studies
Entrance auditions

Entrance audition days are held several times each year. The audition schedule and downloadable application are available on the school website. Please submit application to the department office. Students should be prepared to demonstrate proficiency in their proposed area of specialization.

Students seeking admission to Oakland University as music majors or auditioned music minors must audition for the music faculty.

Students who audition and do not enroll within two semesters must re-audition. Students who enroll and leave school for at least two semesters must re-audition. Music students who enroll and leave school must re-audition and also retake the theory placement exam.

The department offers a minor in jazz studies that is open to both music majors and non-majors who have had prior music performance experience and wish to study jazz. Non-music majors who wish to pursue the minor in jazz studies must audition. Courses in which ast least a (C) has been earned will count toward the minor. Contact the jazz program coordinator, Sean Dobbins at dobbins@oakland.edu. Music majors who wish to pursue the minor in jazz studies should do so in consultation with the jazz coordinator and their applied music instructor.

The minor in jazz studies is designed to enhance the student's ability to negotiate the theoretical, practical, cultural, and historical aspects of teaching and performing jazz as a musical art form. Students will study the practices of past jazz masters and develop methods in order to sustain their own jazz education in addition to the education of current and future students. The minor will focus on refining performance and improvisational skills through private instruction, techniques for rehearsing small and large jazz ensembles, researching historical perspectives, and creating functional arrangements and compositions for both classroom and personal use.

Students must complete a minimum of 21 credits as follows:
Applied lessons - 4 credits
MUA 1XXX - Applied Lessons (Jazz) (2)
MUA 2XXX - Applied Lessons (Jazz) (2)

Ensembles - 4 credits

MUE 3040 - Oakland University Jazz Band (0 OR 1) (2 credits total)
MUE 3041 - Jazz Improvisation Combos (0 OR 1) (2 credits total)
Note: Vocalists will meet the MUE 3040 requirement by registering for MUE 3015 (Jazz singers). Instrumentalists who play non-traditional jazz instruments will meet the MUE 3040 requirement by registering for MUE 3042 (Creative Jazz ensemble).

Other required courses - 13 credits (or placement)

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MUS 1007 - Exploring Jazz (4)
MUS 4406 - Jazz Pedagogy (1)
MUS 3601 - Jazz Theory and Improvisation I (2)
MUS 3602 - Jazz Theory and Improvisation II (2)
MUS 4601 - Jazz Composing and Arranging I (2)
MUS 4602 - Jazz Composing and Arranging II (2)
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Non-credit requirements

MUE 3040 and 3041 each must be taken a total of 4 semesters, with a minimum of 2 semesters each for credit.

## World Music Minor

Requirements for the minor in world music
Entrance auditions

The department offers a minor in world music that is open to both music majors and non-majors who have had prior music performance experience and wish to study world music. Non-music majors who wish to pursue the minor in world music must audition. Contact the world music program coordinator at 248-370-2044 or stone@oakland.edu.

The minor in world music is designed to enhance students' ability to negotiate the theoretical, practical, cultural, and historical aspects of teaching and performing traditions of world music. Students will study the practices of various world music traditions in order to sustain their own education in addition to the education of current and future students. The minor will focus on refining performance and improvisational skills through private instruction, world music ensembles, music history courses, and a summer study abroad/directed research.

Students must complete a minimum of 20 credits as follows. Only courses in which a grade of at least a C has been earned will count toward the minor.

Applied lessons-4 credits

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    MUA 1075 - World Percussion (1 OR 2)
    MUA 2075 - World Percussion (1 OR 2)
    MUA 3075 - World Percussion (1 OR 2)
    MUA 4075 - World Percussion (1 OR 2)
    MUA 1076 - Applied Indian Raga (1 TO 2)
    MUA 2076 - Applied Indian Raga (1 TO 2)
    MUA 3076 - Applied Indian Raga (1 TO 2)
    MUA 4076 - Applied Indian Raga (1 TO 2)
World music ensembles - 5 credits selected from
    MUE 3045 - African Ensemble (0 OR 1)
    MUE 3046 - Steel Band (0 OR 1)
    MUE 3048 - World Percussion Ensemble (0 OR 1)
Required course - 3 credits
    MUS 1332-Music of World Cultures (3)
Elective option - one course selected from
    MUS 1010 - Exploring African Music (4)
    MUS 1011 - Exploring Caribbean Music (4)
Study abroad/research option
    MUS 4326 - Global Arts Study Abroad (4)
    MUS 4900 - ST: Directed Research (4)
Non-credit requirements
Non-credit requirements: World music ensembles - total of 8 semesters, minimum of 5 for credit
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## Courses

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MTD 3001 - Performing Arts Experiences for Children (3)
Introduction to the performing arts designed to provide prospective teachers with a basis and background for integrating musical, theatrical, and dance experiences into classroom curricula. Prerequisite(s): major standing.
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## MUA 1000 - Voice (1 TO 2)

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Admission to music program through audition.
MUA 1002 - Piano (1 OR 2)
Piano lessons
MUA 1004 - Organ (1 OR 2)
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Organ lessons
MUA 1005 - Harpsichord (1 OR 2)
Harpsichord lessons
MUA 1006 - Carillon (1 OR 2)
Carillon lessons
MUA 1010 - Violin (1 OR 2)
Violin lessons
MUA 1011 - Viola (1 OR 2)
Viola lessons
MUA 1012 - Violoncello (1 OR 2)Violoncello lessons
MUA 1013 - Double Bass (1 OR 2)
Double Bass lessons
MUA 1020 - Flute (1 OR 2)
Flute lessons
MUA 1021 - Oboe (1 OR 2)
Oboe lessons
MUA 1022 - Clarinet (1 OR 2)
Clarinet lessons
MUA 1023 - Bassoon (1 OR 2)
Bassoon lessons
MUA 1024-Saxophone (1 OR 2)
Saxophone lessons
MUA 1030 - French Horn (1 OR 2)
French Horn lessons
MUA 1031 - Trumpet (1 OR 2)Trumpet lessonsMUA 1032 - Trombone (1 OR 2)Trombone lessons

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MUA 1033-Euphonium (1 OR 2)
Euphonium lessons
MUA 1034-Tuba (1 OR 2)
Tuba lessons
MUA 1040- Timpani (1 OR 2)
Timpani lessons
MUA 1041- Percussion (1 OR 2)
Percussion lessons
MUA 1050-Harp (1 OR 2)
Harp lessons
MUA 1051-Guitar (classical) (1 OR 2)
Guitar (Classical) lessons
MUA 1052 - Bass Guitar (1 OR 2)
Bass Guitar lessons
MUA 1060 - Piano (jazz) (1 OR 2)
Piano (Jazz) lessons
MUA 1061-Guitar (jazz) (1 OR 2)
Guitar (Jazz) lessons
MUA 1062 - Trumpet (jazz) (1 OR 2)
Trumpet (Jazz) lessons
MUA 1063-Saxophone (jazz) (1 OR 2)
Saxophone (Jazz) lessons
MUA 1064 - Trombone (jazz) (1 TO 2)
Trombone (Jazz) lessons
MUA 1065 - Percussion (jazz) (1 OR 2)
Percussion (Jazz) lessons
MUA 1066 - Double Bass (jazz) (1 OR 2)
Double Bass (Jazz) lessons
MUA 1075 - World Percussion (1 OR 2)
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## World Percussion lessons

MUA 1076-Applied Indian Raga (1 TO 2)
Indian Raga lessons
MUA 1080 - Composition (2)
Private lessons in composition and composition laboratory: studies, exercises and projects concerning creativity and craft in composing music. Weekly seminar is also required. May be repeated for credit. Prerequisite(s): Composition majors: MUS 1214, MUS 1215 with average grade of 3.5 or higher. Noncomposition majors: MUS 1214, MUS 2701, MUS 2702 with average grade of 3.5 or higher.

MUA 1960 - Applied Music (1 OR 2)
Applied Music
MUA 2000 - Voice (1 OR 2)
Voice lessons

MUA 2002 - Piano (1 OR 2)
Piano lessons

MUA 2004-Organ (1 OR 2)
Organ lessons

MUA 2005 - Harpsichord (1 OR 2)
Harpsichord lessons
MUA 2006 - Carillon (1 TO 2)
Carillon lessons
MUA 2010 - Violin (1 OR 2)
Violin lessons

MUA 2011 - Viola (1 OR 2)
Viola lessons

MUA 2012 - Violoncello (1 OR 2)
Violincello lessons

MUA 2013 - Double Bass (1 OR 2)
Double Bass lessons

MUA 2020 - Flute (1 OR 2)
Flute lessons

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MUA 2021-Oboe (1 OR 2)
Oboe lessons
MUA 2022- Clarinet (1 OR 2)
Clarinet lessons
MUA 2023-Bassoon (1 OR 2)
Bassoon lessons
MUA 2024-Saxophone (1 OR 2)
Saxophone lessons
MUA 2030-French Horn (1 OR 2)
French Horn lessons
MUA 2031-Trumpet (1 OR 2)
Trumpet lessons
MUA 2032-Trombone (1 OR 2)
Trombone lessons
MUA 2033-Euphonium (1 OR 2)
Euphonium lessons
MUA 2034-Tuba (1 OR 2)
Tuba lessons
MUA 2040-Timpani (1 OR 2)
Timpani lessons
MUA 2041 - Percussion (1 OR 2)
Percussion lessons
MUA 2050-Harp (1 OR 2)
Harp lessons
MUA 2051-Guitar (classical) (1 OR 2)
Guitar (Classical) lessons
MUA 2052 - Bass Guitar (1 OR 2)
Bass Guitar lessons
MUA 2060-Jazz (piano)(1 OR 2)
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Piano (Jazz) lessons
MUA 2061 - Guitar (jazz) (1 OR 2)
Guitar (Jazz) lessons
MUA 2062 - Trumpet (jazz) (1 OR 2)
Trumpet (Jazz) lessons
MUA 2063-Saxophone (jazz) (1 OR 2)
Saxophone (Jazz) lessons
MUA 2064 - Trombone (jazz) (1 TO 2)
Trombone (Jazz) lessons
MUA 2065 - Percussion (jazz) (1 OR 2)
Percussion (Jazz) lessons
MUA 2066 - Double Bass (jazz) (1 OR 2)
Double Bass lessons
MUA 2075 - World Percussion (1 OR 2)
World Percussion lessons
MUA 2076 - Applied Indian Raga (1 TO 2)
Indian Raga lessons
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## MUA 2080 - Composition (2)

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Private lessons in composition and composition laboratory: studies, exercises and projects concerning creativity and craft in composing music. Weekly seminar is also required. May be repeated for credit. Prerequisite(s): Composition majors: MUS 1214, MUS 1215 with average grade of 3.5 or higher. Noncomposition majors: MUS 1214, MUS 2701, MUS 2702 with average grade of 3.5 or higher.
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## MUA 2960 - Applied Music (1 OR 2)

Applied Music

## MUA 3000 - Voice (1 TO 4)

Voice lessons

## MUA 3001 - Vocal Coaching for Singers (1)

Studies to prepare the vocal student to perform in concert, recital, and musical theatre, including study of style, performance practices, diction, interpretation, and audition preparation. Includes preparation of musical theatre repertoire as well as art song literature appropriate to students' level of proficiency and accomplishment.

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MUA 3002 - Piano (1 TO 4)
Piano lessons
MUA 3003 - Applied Piano (Advanced Level for Performer's Certificate) (4)
Applied Piano (Advanced Level for Performer's Certificate)
MUA 3004-Organ (1 OR 2)
Organ lessons
MUA 3005 - Harpsichord (1 OR 2)
Harpsichord lessons
MUA 3006 - Carillon (1 OR 2)
Carillon lessons
MUA 3010 - Violin (1 TO 4)
Violin lessons
MUA 3011 - Viola (1 TO 4)
Viola lessons
MUA 3012 - Violoncello (1 TO 4)
Violincello lessons
MUA 3013 - Double Bass (1 TO 4)
Double Bass lessons
MUA 3020-Flute (1 TO 4)
Flute lessons
MUA 3021 - Oboe (1 TO 4)
Oboe lessons
MUA 3022-Clarinet (1 TO 4)
Clarinet lessons
MUA 3023-Bassoon (1 TO 4)
Bassoon lessons
MUA 3024- Saxophone (1 TO 4)
Saxophone lessons
MUA 3030 - French Horn (1 TO 4)
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French Horn lessons

MUA 3031 - Trumpet (1 TO 4)
Trumpet lessons

MUA 3032 - Trombone (1 TO 4)
Trombone lessons

MUA 3033 - Euphonium (1 TO 4)
Euphonium lessons

MUA 3034 - Tuba (1 TO 4)
Tuba lessons

MUA 3040 - Timpani (1 TO 4)
Timpani lessons

MUA 3041 - Percussion (1 TO 4)
Percussion lessons

MUA 3050 - Harp (1 TO 4)
Harp lessons

MUA 3051 - Guitar (classical) (1 TO 4)
Guitar (Classical) lessons

MUA 3052 - Bass Guitar (1 OR 2)
Bass Guitar lessons

MUA 3060 - Jazz (piano) (1 OR 2)
Piano (Jazz) lessons

MUA 3061 - Guitar (jazz) (1 OR 2)
Guitar (Jazz) lessons

MUA 3062 - Trumpet (jazz) (1 OR 2)
Trumpet (Jazz) lessons

MUA 3063 - Saxophone (jazz) (1 OR 2)
Saxophone (Jazz) lessons

MUA 3064 - Trombone (jazz) (1 TO 2)
Trombone (Jazz) lessons

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MUA 3065 - Percussion (jazz) (1 OR 2)
Percussion (Jazz) lessons
MUA 3066 - Double Bass (jazz) (1 OR 2)
Double Bass (Jazz) lessons
MUA 3075 - World Percussion (1 OR 2)
World Percussion lessons
MUA 3076 - Applied Indian Raga (1 TO 2)
Indian Raga lessons
MUA 3080-Composition (2)
Private lessons in composition and composition laboratory: studies, exercises and projects concerning
creativity and craft in composing music. Weekly seminar is also required. May be repeated for credit.
Prerequisite(s): Composition majors: MUS 1214, MUS }1215\mathrm{ with average grade of 3.5 or higher. Non-
composition majors: MUS 1214, MUS 2701, MUS }2702\mathrm{ with average grade of }3.5\mathrm{ or higher.
MUA 3960 - Applied Music (1 OR 2)
Applied Music
MUA 4000 - Voice (1 TO 4)
Voice lessons
MUA 4002 - Piano (1 TO 4)
Piano lessons
MUA 4004-Organ (1 OR 2)
Organ lessons
MUA 4005 - Harpsichord (1 OR 2)
Harpsichord lessons
MUA 4006 - Carillon (1 OR 2)
Carillon lessons
MUA 4010 - Violin (1 TO 4)
Violin lessons
MUA 4011 - Viola (1 TO 4)
Viola lessons
MUA 4012 - Violoncello (1 TO 4)
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Violincello lessons
MUA 4013 - Double Bass (1 TO 4)
Double Bass lessons
MUA 4020 - Flute (1 TO 4)
Flute lessons
MUA 4021 - Oboe (1 TO 4)
Oboe lessons
MUA 4022 - Clarinet (1 TO 4)
Clarinet lessons
MUA 4023 - Bassoon (1 TO 4)
Bassoon lessons
MUA 4024 - Saxophone (1 TO 4)
Saxophone lessons
MUA 4030 - French Horn (1 TO 4)
French Horn lessons
MUA 4031 - Trumpet (1 TO 4)
Trumpet lessons
MUA 4032 - Trombone (1 TO 4)
Trombone lessons
MUA 4033 - Euphonium (1 TO 4)
Euphonium lessons
MUA 4034 - Tuba (1 TO 4)
Tuba lessons
MUA 4040-Timpani (1 TO 4)
Timpani lessons
MUA 4041 - Percussion (1 TO 4)
Percussion lessons
MUA 4050 - Harp (1 TO 4)
Harp lessons
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MUA 4051 - Guitar (classical) (1 TO 4)
Guitar (Classical) lessons

MUA 4052 - Bass Guitar (1 OR 2)
Bass Guitar lessons

MUA 4060 - Piano (jazz) (1 OR 2)
Piano (Jazz) lessons

MUA 4061 - Guitar (jazz) (1 OR 2)
Guitar (Jazz) lessons

MUA 4062 - Trumpet (jazz) (1 OR 2)
Trumpet (Jazz) lessons

MUA 4063 - Saxophone (jazz) (1 OR 2)
Saxophone (Jazz) lessons

MUA 4064 - Trombone (jazz) (1 TO 2)
Trombone (Jazz) lessons

MUA 4065 - Percussion (jazz) (1 OR 2)
Percussion (Jazz) lessons

MUA 4066 - Double Bass (jazz) (1 OR 2)
Double Bass (Jazz)

MUA 4075 - World Percussion (1 OR 2)
World Percussion lessons

MUA 4076 - Applied Indian Raga (1 TO 2)
Indian Raga lessons

## MUA 4080 - Composition (2)

Private lessons in composition and composition laboratory: studies, exercises and projects concerning creativity and craft in composing music. Weekly seminar is also required. May be repeated for credit. Prerequisite(s): Composition majors: MUS 1214, MUS 1215 with average grade of 3.5 or higher. Noncomposition majors: MUS 1214, MUS 2701, MUS 2702 with average grade of 3.5 or higher.

MUA 4960 - Applied Music (1 OR 2)
Applied Music

MUA 4998 - Senior Recital (4 OR 6)

A recital approximately one hour in length (not including pauses and intermission) in which student demonstrates his/her creative and artistic abilities. Required in some music curricula as the culminating project before graduating, optional in others. Preparation for recital includes the applied lesson for the recital semester. Satisfies the general education requirement for the capstone experience.
Prerequisite(s): at least one semester of 4000 level applied study.

MUE 3001 - University Chorus (0 OR 1)
Performance of a wide range of the large-group choral repertoire. No audition required.

MUE 3004 - Oakland Chorale (0 OR 1)
Performance of a wide range of choral chamber repertoire from Renaissance to the present.
Prerequisite(s): permission of instructor.

MUE 3015 - Oakland Jazz Singers (0 OR 1)
Ensemble performance of complex vocal jazz works. Development of jazz style and blend, scat-singing, solo production and microphone technique.
Prerequisite(s): permission of instructor.

MUE 3019 - Chamber Orchestra (0 OR 1)
Performance of chamber orchestra repertoire. Membership by audition.
Prerequisite(s): permission of instructor.

MUE 3020 - Oakland Symphony (0 OR 1)
Orchestral performance of repertoire from the 18th, 19th and 20th centuries. Several concerts per year, on- and off-campus. Accompaniments for solo concertos and university choral groups. Membership by audition. Graded S/U.

Prerequisite(s): permission of instructor.

MUE 3029 - Symphonic Band (O OR 1)
A non-auditioned instrumental ensemble designed to offer performance opportunities for non-majors and laboratory experiences for music majors.

MUE 3031 - Wind Symphony (O OR 1)
An ensemble of wind instruments performing standard concert band literature.
Prerequisite(s): permission of instructor.

MUE 3032 - Golden Grizzly Athletic Band (0 OR 1)
An instrumental ensemble that performs at various Oakland university campus and athletic events.

MUE 3035 - Brass Band (0 OR 1)
Ensemble of brass and percussion instruments performing standard brass band literature.

MUE 3040 - Oakland University Jazz Band (0 OR 1)
A big band jazz ensemble performing traditional and contemporary jazz literature. Experience will be gained in ensemble and improvisational performance. Audition required.

MUE 3041 - Jazz Improvisation Combos (0 OR 1)
Performance based ensemble environment designed to provide the student with jazz improvisational understanding and skills. Study and performance of traditional and progressive instrumental and vocal repertoire.

MUE 3042 - Creative Jazz Ensemble (0 OR 1)
Study and performance of traditional and progressive jazz repertoire. Ensemble is designed for, but not limited to, music students who play instruments not typically found in a jazz ensemble. May be repeated for additional credit.

## MUE 3045 - African Ensemble (0 OR 1)

Study and performance of drumming and xylophone traditions as related to African oral culture using authentic Ghanaian and Ugandan instruments.

MUE 3046 - Steel Band (0 OR 1)
Study and performance of various Trinidadian and Caribbean styles using handcrafted steel drums.

MUE 3048 - World Percussion Ensemble (0 OR 1)
Advanced study and performance of world percussion traditions.
Prerequisite(s): permission of the instructor. MUE 3045 and or MUE 3046 recommended.

## MUE 3050 - Opera Workshop (O OR 1)

Study and experience in various forms of operatic music theatre.
Prerequisite(s): sophomore standing.

MUE 3055 - Opera (0 OR 2)
Production and performance of a full-scale opera. Cast by audition.
Prerequisite(s): Sophomore standing.

MUE 3065 - Contemporary Music Ensemble (0 OR 1)
Study and performance of recent music, focusing on newly composed music, alternative repertoire, and non-jazz improvisation.
Prerequisite(s): permission of instructor.

MUE 3070 - Guitar Ensemble (0 OR 1)
Performance practice and techniques of guitar literature involving two or more players. Students must be concurrently registered for applied lessons in guitar to enroll in guitar ensemble.

MUE 3071 - Saxophone Chamber Music (0 OR 1)
Performance, practice and techniques of saxophone literature involving two or more players. Students must be concurrently registered for applied lessons in saxophone to enroll in saxophone ensemble.

MUE 3072 - Flute Ensemble (0 OR 1)
Performance, practice and techniques of flute literature involving two or more players. Students must be concurrently registered for applied lessons in flute to enroll in flute ensemble.

MUE 3073 - Percussion Ensemble (0 OR 1)
Performance of music for various combinations of percussion instruments. Students must be concurrently registered for applied lessons in percussion to enroll in percussion ensemble.
Prerequisite(s): permission of instructor

MUE 3074 - Brass Ensemble (0 OR 1)
Performance, practice and techniques of brass literature involving two or more players. Students must be concurrently registered for applied lessons in a brass instrument to enroll in brass ensemble.

MUE 3075 - Piano Ensemble (0 OR 1)
Class instruction in performance and repertory of multiple keyboard literature. Students must be concurrently registered for applied lessons in piano to enroll in piano ensemble.
Prerequisite(s): permission of instructor.

MUE 3076 - String Ensemble (0 OR 1)
Performance, practice and techniques of string literature involving two or more players. Students must be concurrently registered for applied lessons in a string instrument to enroll in string ensemble.

MUE 3080 - Chamber Music (0 TO 2)
Performing ensemble of various instrumentations. A spectrum of appropriate music literature, medieval through contemporary.

MUS 1000 - An Introduction to Music (4)
An introduction to Western art music and its traditions, with emphasis on music listening as an active and intellectual experience. No prior knowledge of music notation or theory is required. Satisfies the university general education requirement in the arts knowledge exploration area.

MUS 1001 - What's On Your Playlist? Music Listening and the Self (4)
Examination of culturally and historically diverse music as aesthetic expression of experience. Emphasis on relationships in sound as vehicles for deeper understanding of ourselves and others. Satisfies the university general education requirement in the arts knowledge exploration area.

MUS 1002 - Exploring Technology in Music (4)

Explore ways technology has transformed and continues to transform how people create, perform, listen to, and share music with others. Listen to, reflect on, and create music in an online setting to deepen understanding of the various dimensions of music and the ways technology shapes musicians' engagement with them. Satisfies the university general education requirement in the arts knowledge exploration area.

MUS 1003 - Music, Culture and Western Civilization (4)
Examines selected historical events and developments in ideas and institutions through music as cultural expression. Satisfies the university general education requirement in the western civilization knowledge exploration area.

MUS 1005 - Foundations of Rock (4)
A study of rock music rooted in African and African-American cultures as the result of social upheavals and economics and as a continuous and overwhelming influence on today's American society. Satisfies the university general education requirement in the arts knowledge exploration area. Satisfies the university general education requirement in U.S. diversity.

MUS 1006 - Exploring Film Music (4)
Survey of music written for film from the early sound films to recent contributions using the range of genres from symphonic to popular idioms. Emphasis on how music shapes a film's emotion, pacing and subtext. Satisfies the university general education requirement in the arts knowledge exploration area.

## MUS 1007 - Exploring Jazz (4)

Survey of jazz and blues styles, performers and examples, in the context of the historical, social, economic and political background. Satisfies the university general education requirement in the arts knowledge exploration area. Satisfies the university general education requirement in U.S. diversity.

## MUS 1010 - Exploring African Music (4)

Study of music traditions in Africa and the African Diaspora, focusing on cultural context and the relationship of music to language, dance, ritual, and social activities. Some performance required. Satisfies the university general education requirement in the arts knowledge exploration area or in the global perspective knowledge exploration area, not both.

## MUS 1011 - Exploring Caribbean Music (4)

Study of the African-based music traditions found in the Caribbean Islands, South America and the United States. Emphasis on cultural context and the development of new musical forms by AfricanAmericans. Some performance required. Satisfies the university general education requirement in the arts knowledge exploration area. Satisfies the university general education requirement in U.S. diversity.

MUS 1012 - Exploring Indian Music (4)

Study of music traditions in India and the Indian Diaspora, focusing on cultural context and the relationship of music to language, dance, ritual, and social activities. Satisfies the university general education requirement in the arts knowledge exploration area.

MUS 1100 - Vocal Techniques for Non-Majors (2)
Introduction to the technique of singing geared to the non-major. Basic breath control, voice placement, and diction, with an emphasis on healthy voice production crossing musical styles.

MUS 1101 - Beginning Piano for Non-Majors (2)
Introduction to basic keyboard skills, designed for students with little or no musical background.

MUS 1103 - Beginning Guitar for Non-Majors (2)
Introduction to basic guitar, designed for students with little or no prior experience. Student must have access to a playable guitar.

MUS 1104 - Intermediate Guitar for Non-Majors (2)
Playing guitar in small jazz, classical, and popular music ensembles. An extension of MUS 1103. Student must own or have access to a playable guitar.
Prerequisite(s): completion of MUS 1103 with a grade of (B-) or higher or successfully passing a placement exam.

MUS 1160 - Vocal Techniques (2)
Techniques of singing, including diction, breath control, projection and repertoire. This course is a prerequisite to private voice study.
Prerequisite(s): open to music and music theatre majors only.

MUS 1161 - Vocal Techniques for Instrumentalists I (1)
Introduction to singing with emphasis on alignment, breath control, projection, basic anatomy of the voice, and voice health, including the speaking voice.

MUS 1162 - Vocal Techniques for Instrumentalists II (2)
Continuation of the basic techniques of MUS 1161 with more detailed attention to diction (International Phonetic Alphabet). Winter semester.
Prerequisite(s): MUS 1161

MUS 1171 - Keyboard Technique I (2)
Development of the basic keyboard facility essential to any musician and some acquaintance with keyboard literature. May not be repeated for credit.

Prerequisite(s): open to music majors only.
Corequisite(s): MUS 1212 or equivalent.

MUS 1172 - Keyboard Technique II (2)

Development of the basic keyboard facility essential to any musician and some acquaintance with keyboard literature. May not be repeated for credit. Open to music majors only.
Prerequisite(s): MUS 1171
Corequisite(s): MUS 1214 or equivalent.

MUS 1175 - Piano Technique Seminar (1)
Provides piano majors and minors with basic terminology and instructions relating to piano technique, music learning and musical interpretation. Assists students in developing a clearer, and stronger understanding of how to become a more successful learner and performer.

MUS 1205 - Basic Musicianship for Musical Theatre Majors I (2)
Develops understanding of the elements of music and how they interact within musical works, to enable students who use music in musical theatre performance to develop sufficient understanding of music concepts to use music effectively in performance and grasp basic rudiments of reading written music, including melody, rhythm, chords.
Prerequisite(s): musical theatre majors only.

MUS 1206 - Basic Musicianship for Musical Theatre Majors II (2)
Continuation of MUS 1205.
Prerequisite(s): MUS 1205. Musical theatre majors only.

MUS 1207 - Basic Musicianship for Dancers (2)
Study of musical comprehension with particular focus on rhythm and sound organization and their relationship to physical impulse and response.

MUS 1211 - Basic Musicianship for Music Students (2)
A study of traditional Western music notation systems, focusing on how those systems indicate to the performer the various elements of music. Emphasis on diatonic relationships within major and minor keys. Intended for the music major who needs remedial preparation for MUS 1212.

MUS 1212 - Music Theory I (3)
Fundamentals of musical structure, form, analysis and style. Intended for music majors. To be taken with MUS 1213.
Prerequisite(s): MUS 1211 or placement exam.
Corequisite(s): MUS 1213

MUS 1213 - Aural Skills I (1)
A laboratory experience to accompany MUS 1212.
Prerequisite(s): MUS 1211 or placement exam.

MUS 1214 - Music Theory II (3)

Continuation of MUS 1212. To be taken with MUS 1215.
Prerequisite(s): MUS 1212 and MUS 1213 (or placement exam).

MUS 1215 - Aural Skills II (1)
A laboratory experience to accompany MUS 1214.
Prerequisite(s): MUS 1212 and MUS 1213 (or placement exam).

MUS 1331 - History and Literature of Western Tonal Music (3)
Survey of Western tonal music from Monteverdi (ca. 1600) to Mahler (ca. 1900). Emphasis on active listening and analysis from scores.Satisfies the general education requirement in the arts knowledge exploration area.
Pre/Corequisite(s): MUS 1212 and MUS 1213

MUS 1332 - Music of World Cultures (3)
Study of music traditions from world cultures including Africa, the Caribbean, India, Indonesia, the Middle East and North America; also an introduction to the discipline of ethnomusicology. Pre/Corequisite(s): MUS 1212 or MUS 1214

## MUS 2020 - Computer-based Music Composition (4)

Hands-on study of creative computer music composition in a variety of musical styles and genres. Creative concepts in composing introduced through the use of Digital Audio and MIDI interfacing through project-based activities. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the arts knowledge exploration area.
Prerequisite(s): any MUS course that has met the general education knowledge explorations requirement.

## MUS 2025 - Exploring Songwriting (4)

Analysis of a wide variety of songs and creation of students' own songs. Emphasis on free thinking and creativity within the student songwriting process. Ability to read music advantageous but not required. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the arts knowledge exploration area.
Prerequisite(s): one of the following: MUS 1000, MUS 1001, MUS 1002, MUS 1005, MUS 1006, MUS 1007, MUS 1010, or MUS 1011

MUS 2163 - Diction for Singers I (2)
Techniques for pronouncing foreign languages in singing. Focus on International Phonetic Alphabet (IPA), English, Italian, and Latin.

MUS 2164 - Diction for Singers II (2)

Techniques for pronouncing foreign languages in singing. Focus on International Phonetic Alphabet (IPA), French, and German.

Prerequisite(s): MUS 2163

MUS 2171 - Keyboard Technique III (2)
Development of the basic keyboard facility essential to any musician and some acquaintance with keyboard literature. May not be repeated for credit. Open to music majors only.
Prerequisite(s): MUS 1172 and MUS 1214

MUS 2172 - Keyboard Technique IV (2)
Development of the basic keyboard facility essential to any musician and some acquaintance with keyboard literature. May not be repeated for credit. Open to music majors only.
Prerequisite(s): MUS 2171

MUS 2212 - Music Theory III (3)
Continuation of MUS 1214.
Prerequisite(s): MUS 1214 and MUS 1215 (or placement exam).

MUS 2213 - Aural Skills III (1)
Laboratory experience to accompany MUS 2212.
Prerequisite(s): MUS 1214 and MUS 1215 (or placement exam).

MUS 2214 - Music Theory IV (3)
Continuation of MUS 2213.
Prerequisite(s): MUS 2212 and MUS 2213 (or placement exam).

MUS 2215 - Aural Skills IV (1)
A laboratory experience to accompany MUS 2214.
Prerequisite(s): MUS 2212 and MUS 2213 (or placement exam).

MUS 2420 - Instrumental Techniques for Choral Majors (2)
Introduction to the teaching of basic performance skills on band and orchestral instruments for students majoring in choral/general music education. Winter semester.

MUS 2421 - Percussion Techniques (1)
Principles and practices of teaching percussion students in school music programs. Includes basic playing technique for teachers.

MUS 2422 - Brass Techniques (1)
Principles and practices of teaching brass students in school music programs. Includes basic playing technique for teachers.

MUS 2423 - Woodwind Techniques (1)
Principles and practices of teaching woodwind students in school music programs. Includes basic playing technique for teachers.

MUS 2424 - String Techniques (1)
Principles and practices of teaching string students in school music programs. Includes basic playing technique for teachers.

MUS 2440 - Learning and Teaching Music (1)
Introduction to the learning and teaching of music in classroom settings. Introduction to the learning and teaching of music in classroom settings.
Prerequisite(s): MUS 1331, MUS 1332, MUS 1214, MUS 1215 and WRT 1060 or equivalent with a grade of (B) or higher.

MUS 2441 - Educational Psychology and Music Learning (3)
Theories of learning and their implication for and application to music education practice, including study of developmentalist, behaviorist, cognitivist and constructivist theories and what they imply about the nature of teaching and learning in classroom and studio settings. Some field observation required. Prerequisite(s): MUS 2440

## MUS 2701 - Creative Composition I (2)

Techniques for composing original music including approaches to conceptualization, form, texture, melody, harmony and counterpoint. Skills will be developed in music notation, synthesizers, sequences and computer software. Frequent composition projects will be assigned and performed in class.

MUS 2702 - Creative Composition II (2)
Continuation of MUS 2701.
Prerequisite(s): MUS 2701

MUS 2996 - Independent Study (1 TO 4)
Normally for freshmen and sophomores.
Prerequisite(s): permission of the music program.

## MUS 3018 - The Business of Music (4)

A survey of business techniques and procedures, laws, licensing and accounting practices in the music industry, and a study of career opportunities related to music.

MUS 3053 - Acoustics for Musicians (2)
Physics of sound, characteristics of human hearing, room acoustics, psychoacoustics, measurement of sound, and analysis of sound properties of acoustic and electronic musical instruments. Class projects include frequency response and noise analysis of spaces, computation of RT60 reverb times, and interpretation FFT plots.

MUS 3054 - Basic Recording Techniques (2)
Introduction to audio recording techniques, from classic stereo through contemporary multi-channel recording. Examination of recording hardware, including microphones, preamplifiers, computer interfaces, digital and analog recording devices, and monitors, and software, including ProTools, Logic Pro, and associated plugins.
Prerequisite(s): MUS 3053

MUS 3171 - Accompanying for the Non-pianist I (2)
Basic accompanying skills for the non-piano major. Designed for music majors who will need basic accompanying skills to function effectively in either the classroom or the private studio.
Prerequisite(s): MUS 2172

MUS 3172 - Accompanying for the Non-pianist II (2)
Continuation of MUS 3171.
Prerequisite(s): MUS 3171

MUS 3173 - Keyboard Skills for the Piano Major I (2)
Functional skills for keyboard majors, including sight-reading, transposition, harmonization and scorereading.

MUS 3174 - Keyboard Skills for the Piano Major II (2)
Continuation of MUS 3173.
Prerequisite(s): MUS 3173

MUS 3175 - Accompanying for Piano Majors (2)
Accompanying for students whose major instrument is piano.

MUS 3176 - Accompaniment Practicum (1 TO 2)
Experience in piano accompaniment of solo and/or ensembles, vocal and instrumental. May be repeated for credit.
Prerequisite(s): MUS 3175 or permission of instructor.

MUS 3211 - Musical Analysis and Form (4)
Techniques of analyzing works of various styles and periods with an emphasis on tonal music.
Prerequisite(s): MUS 2214, MUS 2215

MUS 3212 - Counterpoint (4)
Study of the contrapuntal style of the 17th and 18th centuries; includes composition and analysis in the styles.
Prerequisite(s): MUS 2214, MUS 2215

MUS 3331 - History and Literature of Medieval and Renaissance Music (3)
Survey of Western Music from the earliest notated plainchant to Monteverdi (ca. 1600). Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): MUS 1331; MUS 1214, MUS 1215

MUS 3332 - History and Literature of Western Music from ca. 1850 to the Present (3)
Survey of Western Music from the time of Wagner to the present. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): MUS 1331; MUS 1214, MUS 1215

MUS 3441 - Elementary General Music Methods (3)
Principles and practices of teaching music, based on experiences in the elementary general music classroom. Emphasis on the development of musical understanding through an interactive, constructivist approach, including study of current trends in education and music education. Two hours per week participation in on-site field observation and teaching required.
Prerequisite(s): MUS 2441

MUS 3581 - Conducting I (2)
Basic techniques of conducting. Both choral and instrumental techniques are studied.
Prerequisite(s): MUS 2214, MUS 2215

MUS 3582 - Conducting II (2)
Continuation of MUS 3581.
Prerequisite(s): MUS 3581

MUS 3601 - Jazz Theory and Improvisation I (2)
Introduction to jazz theory and improvisation concepts, including the modes of the major scale, historical jazz language practices, analysis of transcribed solos, ear training and basic jazz piano techniques.

MUS 3602 - Jazz Theory and Improvisation II (2)
Continuation of MUS 3601.
Prerequisite(s): MUS 3601 or permission of instructor.

MUS 3701 - Music Technology I: MIDI and Sequencing (2)
MIDI, synthesis, sampling, and sequencing in both studio environments and live performance, with attention to use of multidimensional polyphonic expression (MPE) controllers and the manipulation of audio with a variety of controllers. Includes frequent composition assignments and live performances.

MUS 3702 - Music Technology II: Audio Design and Processing (2)

Creative applications of audio design, sound manipulation, and composition, including acousmatic music, diffusion and spatialization, and a look at media composition including film and games. Projects include sample library design, acousmatic composition, writing for new media, and diffusing works in a live concert.
Prerequisite(s): MUS 3701

MUS 3711 - Advanced Recording Techniques (2)
Application of advanced recording, editing, and sound manipulation techniques in video, sound and live audio.

Prerequisite(s): MUS 3053 and MUS 3054

MUS 4210 - Analysis of Music Since 1900 (4)
Compositional and analytical techniques for music of the 20th and 21st centuries.
Prerequisite(s): MUS 2214, MUS 2215

MUS 4212 - Music Theory Pedagogy (4)
A survey of teaching approaches and current research in the field of music theory pedagogy including a review of current texts, software, and teaching styles appropriate to both high school and college levels and the design and implementation of pedagogical approaches through teaching demonstrations and curriculum development. Course does not fulfill the upper level theory elective requirement.
Prerequisite(s): MUS 2215 with a grade of (C) or higher.

MUS 4320 - The Nineteenth-Century Symphony: History, Performance and Analysis (4)
Nineteenth-century symphony from middle-period Beethoven to early Mahler. Aesthetics of absolute music and program music. Performance practice considered through historical recordings. Detailed analysis of selected examples. Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement. Prerequisite(s): MUS 3332, MUS 2214, MUS 2215

MUS 4323 - Berlin's Musical Cultures: 1900-1989 (4)
Examines intersections between political and social crises and twentieth-century music with a focus on Berlin. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): MUS 3331, MUS 3332, MUS 2214, MUS 2215

MUS 4325 - Critical Theory Methodologies in the Global Arts (4)
Examines applications of critical theory to geographically and culturally diverse visual and performing arts.

Prerequisite(s): MUS 1332 and one course selected from MUS 1010, MUS 1011, or DAN 1375

MUS 4326 - Global Arts Study Abroad (4)

Study of music traditions of the Caribbean and how they relate to local history and culture. Special focus on Steel Band tradition with instruction from master pianist Andy Narell on location in St. Lucia. Satisfies the university general education requirement in the global perspective knowledge exploration area. Prerequisite(s): Instructor approval (through application process).

MUS 4330 - Seminar in Opera and Drama (4)
Relationship between opera and drama, and the literary sources used by composers for such musical works, through an examination of a number of representative works in the opera repertory from 1600 to 1945. Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): MUS 3331, MUS 3332; MUS 2214, MUS 2215

MUS 4401 - Instrumental Methods for Choral Majors (1)
Provides practical information related to the teaching of elementary instrumental music. Develops strategies for creative learning. Not open to students who have taken MUS 4402.
Prerequisite(s): MUS 3441, MUS 2214, MUS 2215 and major standing in music education.

MUS 4402 - Elementary Instrumental Methods (2)
Provides practical information related to the teaching of elementary instrumental music. Develops strategies for creative learning. Not open to students who have taken MUS 4401.

Prerequisite(s): MUS 2441, MUS 3332, MUS 2214, MUS 2215; and major standing in music education.

MUS 4403 - Secondary Instrumental Methods (2)
Provides practical information related to the teaching of middle school and high school instrumental music, e.g., teaching strategies, repertoire, materials and techniques. Emphasis on developing musical understanding through the performance experience. Three hours per week field experience is required. Prerequisite(s): MUS 4402, and major standing in music education.

MUS 4405 - Marching Band Methods (1)
Provides practical information related to the organization and teaching of marching band. Topics include strategies and techniques for teaching, rehearsal, and student motivation. Introduction to show design and drill writing. Three hours per week field experience is required.
Prerequisite(s): MUS 2441, MUS 3332, MUS 2214, MUS 2215.

## MUS 4406 - Jazz Pedagogy (1)

Preparation for teaching the fundamentals of jazz theory, jazz history, basic improvisation, and jazz ensemble rehearsal techniques.

MUS 4407 - Choral Methods for Instrumental Majors (1)
Introduction to theory and practice of teaching and learning in the choral classroom with emphasis on teaching for musical understanding. Topics include literature, score study, lesson planning, assessment,
and reflective practice.
Prerequisite(s): MUS 3441, MUS 3332; MUS 2214, MUS 2215 and major standing in music education.

MUS 4408 - Choral Methods (3)
Introduction to theory and practice of teaching and learning in the choral classroom with emphasis on teaching for musical understanding. Topics include literature, score study, lesson planning, assessment, and reflective practice. 30-hour field placement required.
Prerequisite(s): MUS 3441, MUS 3332; MUS 2214, MUS 2215; and major standing in music education.

MUS 4431 - Teaching Music in the 21st Century I (3)
Philosophical basis of learning and musical learning, their roots, historical contexts, assumptions and implications for education and music education practice. Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): major standing in music education.

MUS 4432 - Teaching Music in the 21st Century II (3)
Application of theoretical ideas learned in MUS 4431 in a secondary general music setting. Emphasis on the development of musical understanding through an interactive approach.
Prerequisite(s): MUS 4431

MUS 4434 - Teaching Music to Learners with Exceptionalities (4)
Teaching music to K-12 learners with exceptionalities. Includes 13 disabilities recognized for services, IDEA, Individualized Education Plan, Section 504, assistive technology, inclusion, self-determination, universal design, accommodations and curriculum modifications, Response to Intervention, collaboration in the school community, and music therapy. Some field observation required. Fulfills special education requirement for certification.
Prerequisite(s): MUS 2441 with a grade of (B) or higher.

## MUS 4541 - Piano Pedagogy I (2)

Instructional strategies for teaching the beginning piano student, including methods, materials and the use of music technology. Various aspects of establishing and managing a piano studio will be addressed. Students will engage in paired microteaching and receive feedback from peers and teacher. Prerequisite(s): permission of instructor.

MUS 4542 - Piano Pedagogy II (2)
Instructional strategies for teaching the intermediate and advanced piano student, including methods, materials, repertoire and the use of music technology. Students will engage in paired microteaching and receive feedback from peers and teacher.
Prerequisite(s): MUS 4541

MUS 4543 - Piano Pedagogy III (3)
Instructional strategies for teaching advanced baroque-classical repertoire, including score analysis, period performance practice, continued technical training, and musicianship development. Students will engage in paired microteaching and receive feedback from peers and teacher.

Prerequisite(s): MUS 4542 (C)

MUS 4544 - Piano Pedagogy IV (3)
Instructional strategies for teaching advanced romantic-contemporary repertoire, including score analysis, period performance practice, continued technical training, and musicianship development. Students will engage in paired microteaching and receive feedback from peers and teacher.
Prerequisite(s): MUS 4543 (C)

MUS 4547 - Instrumental Teaching Studio (2)
Instructional strategies for teaching instrumental music in a private studio, including methods, materials, and music technology.
Prerequisite(s): junior standing.

MUS 4555 - Piano Repertoire I (2)
Survey of piano repertoire from the baroque to classic (ca. 1600-ca. 1820).
Prerequisite(s): instructor permission.

MUS 4556 - Piano Repertoire II (2)
Survey of piano repertoire from the classic to the present (ca. 1820 to the present).
Prerequisite(s): MUS 4555 or permission of instructor.

MUS 4561 - Vocal Repertoire I (2)
Survey of literature for the voice with emphasis on historical style. Covers the Middle Ages through the 19th century, with emphasis on German song.
Prerequisite(s): MUS 2163 (may be taken concurrently)

MUS 4562 - Vocal Repertoire II (2)
Survey of literature for the voice with emphasis on historical style. Covers 19th and 20th century music emphasizing French, British and American song.
Prerequisite(s): MUS 2164 (may be taken concurrently), and MUS 4561

## MUS 4563 - Instrumental Repertoire I (1)

Examination of instrumental repertoire with emphasis on chamber music, solo literature, and orchestral excerpts specific to the instrument of study.

Prerequisite(s): junior standing.

MUS 4564 - Instrumental Repertoire II (1)

Continuation of MUS 4563.
Prerequisite(s): MUS 4582 or MUS 4563

MUS 4565 - Choral Literature (2)
Study of choral literature from the Renaissance to the present. Examination of music from each period with emphasis on literature selection for choral groups, understanding and interpretation of the scores, historical accuracy in performance, and program building, with an overall eye toward practical usage.

## MUS 4581 - Advanced Choral Conducting (2)

Studies in advanced choral technique and literature with emphasis on problem solving and practical applications.
Prerequisite(s): MUS 3582 or permission of instructor.

MUS 4582 - Advanced Instrumental Conducting (2)
Studies in advanced instrumental technique and literature with emphasis on problem solving and practical applications.
Prerequisite(s): MUS 3582 or permission of instructor.

MUS 4601 - Jazz Composing and Arranging I (2)
Composing and arranging technique for small jazz ensembles, including study of jazz notational systems, lead sheet creation, engraving and orchestration for small ensembles.

Prerequisite(s): MUS 3602 or permission of instructor.

MUS 4602 - Jazz Composing and Arranging II (2)
Composing and arranging techniques for large jazz ensembles, including study of typical big band writing, formal structure, and contemporary trends in large ensemble writing.
Prerequisite(s): MUS 4601

MUS 4701 - Orchestration and Arranging (3)
Characteristics of instruments normally found in band and orchestra. Short writing projects for voice, chamber music, concert band, and orchestra along with sample library MIDI orchestration.
Prerequisite(s): MUS 2214

## MUS 4711 - Interactive Computer Music (2)

Programming for live audio and MIDI manipulation in Max/MSP language. Includes software instrument design, realtime audio manipulation, laptop ensemble performance, and non-traditional and graphical notation. Students will work with an instrumentalist or vocalist to create an idiomatic interactive work to be performed at a capstone concert.

Prerequisite(s): MUS 3701

MUS 4720 - Career Building for Musicians (2)

Establishing oneself in the music industry, including music publishing and licensing, recording contracts, copyright laws, basic business practices and start-up, marketing and promotion, website design, social media outreach, artist branding, grant writing, press kits, and resume/digital portfolio building.

MUS 4900 - Special Topics in Music (1 TO 4)
Current topics and issues in music performance and literature.

MUS 4950 - Pedagogy Internship (1)
Internship teaching piano to students in a professional music studio setting under the direction and supervision of qualified piano instructors. Repeatable for up to two credits.
Prerequisite(s): MUS 4544 (C)

MUS 4951 - Music Industry Internship (4)
Field application of theories and practices in professional music production, recording arts, or music technology industries.
Prerequisite(s): MUS 2702, MUS 3711, MUS 3702, and MUS 4711

MUS 4994 - Senior Pedagogy Project (2 OR 4)
Culminating project for the pedagogy program through which students apply what they have learned about performance and pedagogy and demonstrate their understanding of pedagogic theory and practice. B.M. Pedagogy students enroll for 4 credits. B.M. Performance and Pedagogy students enroll for 2 credits.
Prerequisite(s): MUS 4544 (C)

MUS 4996 - Independent Study (1 TO 4)
Normally for juniors and seniors.
Prerequisite(s): permission of the music program.

MUS 4997 - College Teaching Apprenticeship (2)
Supervised participation in teaching an undergraduate course in music, together with discussion of teaching methods and objectives.
Prerequisite(s): permission of instructor.

MUS 4998 - Senior Project: Music Technology and Recording (3)
Advanced application of individual work in music technology and audio production.
Prerequisite(s): MUS 2702, MUS 3711, MUS 3702, and MUS 4711

## Department of Philosophy

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Chairperson: Mark Rigstad

Professors emeriti: David C. Bricker

Professor: Phyllis Rooney

Associate professors: Paul R. Graves, John F. Halpin, Ami Harbin, Eric La Rock, Fritz J. McDonald, Mark C. Navin, Mark Rigstad, Elysa R. White

Assistant professors: Joyce C. Havstad

Special Instructor: Sharon Berry

Adjunct assistant professor: Daniel Propson

Visiting assistant professor: Joshua Blanchard

Special lecturers: John Burn, Lisa Campbell, Timothy Kirschenheiter, Drew Matzke, Anthony Marc Williams, Daniel Yeakel, Grant Yocom

Chief adviser: Paul R. Graves

Philosophy is one of the oldest yet often least understood of the liberal arts. The philosopher is interested in all aspects of human life, searching for the greatest possible clarity concerning the most fundamental questions. There is no one kind of philosophy; rather, there are many kinds, each with its own value.

Philosophy has always served two functions. The first is speculative, the attempt to formulate illuminating generalizations about science, art, religion, nature, society and any other important topics. The second is critical, the unsparing examination of its own generalizations and those of other fields to uncover unfounded assumptions, faulty thinking, hidden implications and inconsistencies. The study of philosophy is designed to encourage a spirit of curiosity, a sensitivity toward the uses of words, and a sense of objective assessment toward oneself as well as others. Competence in philosophy is solid training for advanced study and professional life in such fields as law, government, public
administration, business administration, sales and marketing, technical writing, the ministry and teaching.

The Department of Philosophy offers programs of study leading to the Bachelor of Arts degree with a major in philosophy, and a minor in philosophy.

## Departmental Honors

Departmental honors in philosophy are based upon three criteria: (a) general performance in philosophy courses, (b) written work in philosophy and (c) the ability to articulate philosophical ideas orally. First, students must achieve at least a 3.6 grade point average in philosophy courses. Second, those who do so and want to be considered for departmental honors should submit an example of their philosophical writing to the department chairperson early in the semester in which they expect to graduate. Normally this would be a substantial term paper, but two medium-length papers may also be acceptable in some cases. Third, if this work is judged to be of sufficiently high quality, it will be read by the rest of the department, and a conference with the student will be arranged to give him or her an opportunity to discuss the paper (or papers) further with the faculty. The decision to award honors will then be made by the faculty based on all three criteria. Deadlines for submission: October 15 for the fall semester, February 15 for the winter semester.

## Course Prerequisites

Except where noted, 1000-and 2000-level courses have no prerequisites. Advanced courses (numbered PHL 3100 to PHL 4970) have a general prerequisite of writing proficiency, plus any special requirements listed with the course description.

## Programs

- Philosophy Minor
- Philosophy, B.A.


## Philosophy Minor

Requirements for the liberal arts minor in philosophy

To earn a minor in philosophy, students must complete a minimum of 20 credits in philosophy, including:

1. One semester of logic selected from

PHL 1000 - Introduction to Logic (4)
PHL 1070 - Introduction to Symbolic Logic (4)
PHL 3000 - Advanced Symbolic Logic (4)
2. One semester of ethics selected from

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PHL 1300 - Introduction to Ethics (4)
PHL 1310 - Introduction to Ethics in Science and Engineering (4)
PHL 3300 - Ethical Theory (4)
PHL 3310 - Ethics, Language and Reality (4)
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3. One semester of metaphysics/epistemology selected from

PHL 2200 - Ancient Greek Philosophy (4)
PHL 2210 - Medieval Philosophy (4)
PHL 2220 - Early Modern Philosophy (4)
PHL 3210 - Twentieth Century British and American Philosophy (4)
PHL 3700 - Philosophy of Science (4)
PHL 3410 - Theories of Knowledge (4)
PHL 3400 - Metaphysics (4)
PHL 4200 - Study of a Major Philosopher (4)
PHL 3800 - Philosophy of Mind (4)
PHL 4100 - Philosophy of Language (4)
4. At least 8 additional credits in philosophy courses numbered 3000 or above

## Philosophy, B.A.

Requirements for the liberal arts major in philosophy, B.A. program

To earn the Bachelor of Arts degree with a major in philosophy, a student must complete a minimum of 44 credits in philosophy. Only courses in which the student has earned a grade of at least $C$ may be counted toward the philosophy major. At least 20 credits in Philosophy must be taken at Oakland University. Students must complete the following requirements:

1. One course in logic chosen from

PHL 1070 - Introduction to Symbolic Logic (4)
PHL 3000 - Advanced Symbolic Logic (4) (recommended for those considering graduate work in philosophy)
2. Two courses in history of Western philosophy

PHL 2200 - Ancient Greek Philosophy (4)
PHL 2210 - Medieval Philosophy (4)
PHL 2220 - Early Modern Philosophy (4)
3. At least two courses chosen from

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PHL 3120 - Philosophy of Law (4)
PHL 3300 - Ethical Theory (4)
PHL 3310 - Ethics, Language and Reality (4)
PHL 3500 - Bioethics (4)
PHL 3510 - Ethics in Business (4)
PHL 3600 - Political Philosophy (4)
PHL 3610 - Philosophy of International Relations: Law, War and Peace (4)
PHL 3620 - Global Justice (4)
PHL 3630 - Philosophy of Crime, Policing and Punishment (4)
PHL 3880-Animal Minds and Morals (4)
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4. At least two courses chosen from
PHL 3100 - Philosophy of Gender (4)
PHL 3150 - Philosophy of Religion (4)
PHL 3210 - Twentieth Century British and American Philosophy (4)
PHL 3400 - Metaphysics (4)
PHL 3410 - Theories of Knowledge (4)
PHL 3420 - Theories of Truth (4)
PHL 3700 - Philosophy of Science (4)
PHL 3710 - Philosophy of Biology (4)
PHL 3720 - Topics in the Philosophy of Science (4)
PHL 3810 - Consciousness and Persons (4)
PHL 3800 - Philosophy of Mind (4)
PHL 3820 - Mental Causation (4)
PHL 3830 - Philosophy of Artificial Intelligence (4)
PHL 4100 - Philosophy of Language (4)
5. At least 24 credits in PHL courses must be at the 3000 level or above.
6. Capstone course

PHL 4970 - Seminar on a Philosophical Topic (4) (satisfies the university general education requirement for the capstone course in the major)

## Note

A student may substitute other courses for any of the above with the permission of the department chairperson. Students planning to apply for graduate work in philosophy should meet with a faculty member to discuss additional appropriate coursework.

Students pursuing a Bachelor of Arts in Liberal Studies degree, or a Bachelor of Arts in Integrative Studies degree, may complete a philosophy minor as part of their coursework.

Students using this catalog to meet philosophy major requirements may also use any course subsequently approved as satisfying requirements \#3 and 4 above and published in a later catalog.

## Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts \& Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124 ; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Courses

PHL 1000 - Introduction to Logic (4)
The relationship between conclusions and statements given in support of them. In addition to elementary deductive and inductive logic, topics may include analysis of ordinary arguments, argument by analogy and informal fallacies. Offered every semester. Satisfies the university general education requirement in the formal reasoning knowledge foundation area.

PHL 1070 - Introduction to Symbolic Logic (4)
Formal or symbolic logic is a study of what makes deductive arguments valid, employing symbols to represent sentences, words, phrases, etc. in order to reveal the formal structure of the arguments. Offered every year. Satisfies the university general education requirement in the formal reasoning knowledge foundation area.

PHL 1100 - Introduction to Philosophy (4)
Study of the main types and problems of Western philosophy. Readings are chosen to illustrate the development of Western thought from the ancient Greeks to the present. Offered every semester. Satisfies the university general education requirement in the western civilization knowledge exploration area.

PHL 1300 - Introduction to Ethics (4)
Major ethical analyses of right and wrong, good and evil, from the ancient Greeks to the present. Appeals to custom, theology, happiness, reason and human nature will be examined as offering viable criteria for judgments on contemporary issues of moral concern. Offered every semester. Satisfies the university general education requirement in the western civilization knowledge exploration area.

PHL 1310 - Introduction to Ethics in Science and Engineering (4)
Survey of canonical works in the history of Western ethical theory providing students a critical understanding of a plurality of viable ideas, principles, and criteria by which to evaluate and judge contemporary issues of ethical concern in the practice of science and engineering. Satisfies the university general education requirement in the western civilization knowledge exploration area.

PHL 2100 - Fact, Value, and Knowledge (4)
Intermediate examination of central issues and problems of metaphysics, epistemology, and ethics: mind, knowledge, will, action, and conflict. Focus on the methodology of philosophy, including key skills in writing and reasoning. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the formal reasoning knowledge foundation area. Prerequisite(s): PHL 1000, PHL 1100, PHL 1300 or PHL 1070

PHL 2200 - Ancient Greek Philosophy (4)
Development of philosophical thought in Greece, from its beginning around 600 B.C.E. to the Hellenistic period. Emphasis on Plato and Aristotle. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the university general education requirement in the Western civilization knowledge exploration area. Satisfies the university general education requirement for writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): PHL 1000, PHL 1100, PHL 1300, PHL 1070, or PHL 2100 or permission of instructor.

## PHL 2210 - Medieval Philosophy (4)

Survey of Jewish, Christian, and Islamic medieval philosophy. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the university general education requirement in the Western civilization knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): PHL 1000, PHL 1100, PHL 1300, PHL 1070 or PHL 2100 or permission of instructor.

## PHL 2220 - Early Modern Philosophy (4)

Development of philosophical thought in Europe in the 17th and 18th centuries. Emphasis on Descartes, Locke, Hume and Kant. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the university general education requirement in the Western civilization knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general
education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): PHL 1000, PHL 1100, PHL 1300, PHL 1070 or PHL 2100 or permission of instructor.

PHL 3000 - Advanced Symbolic Logic (4)
Standard first-order symbolic logic, emphasizing quantification theory and including identity theory and logical semantics. The logical system is approached both as a formal system and as a theoretical analysis of human reasoning. Offered every other year.
Prerequisite(s): PHL 1000 or PHL 1070 or CSI 1300 or MTH 0662 or equivalent.

PHL 3100 - Philosophy of Gender (4)
Philosophical issues relating to gender are explored. Different approaches toward dealing with sexism will be examined, as part of an ongoing analysis of what constitutes human nature, freedom, equality and the relationship between the individual and the state. Identical with WGS 3850.
Prerequisite(s): one course in philosophy or one course in women and gender studies.

PHL 3110 - Freedom, Agency, and Responsibility (4)
Seminar on the philosophical issues of freedom of choice and action. Are we ever truly free? Are free choices and actions inconsistent with determinism in nature? Does morality require freedom? Discussion of these issues based on historical and contemporary sources (e.g., Kant, Nietzsche, Frankfurt, and Dennett). Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): One course in philosophy.

PHL 3120 - Philosophy of Law (4)
The nature of law and legal obligation, with emphasis on the relation of law, coercion and morality. Attention is also given to such issues as the nature of legal reasoning, the justifiability of civil disobedience and the justification of punishment. Offered every other year.
Prerequisite(s): PHL 1100, PHL 1300 or PHL 2100

## PHL 3130 - Aesthetics (4)

The nature of aesthetic experience and aesthetic judgment in the appreciation of nature and art. Major theories of the creation and structure of works of art, and the logic and semantics of aesthetic judgment. Offered every other year.
Prerequisite(s): either one course in philosophy; or one general education writing intensive course in art, music, or literature; or permission of instructor.

PHL 3140 - Philosophy of Sexuality (4)
Philosophical issues related to sex, including ethical issues and clarification of contested concepts such as homosexuality, consenting adults, and pornography.
Prerequisite(s): PHL 1100, PHL 1300 or PHL 2100 or WGS 1000

PHL 3150 - Philosophy of Religion (4)
Examination of arguments for and against the existence of God, the nature of religious language, and relations between religion and philosophy. Offered every other year. Identical with REL 3120. Prerequisite(s): One course in philosophy or religious studies or permission of instructor.

PHL 3155 - Philosophies and Religions of Asia (4)
The major religions of India, China and Japan with emphasis on their philosophical significance. The course will cover Hinduism, Jainism, Confucianism, Taoism and Buddhism, both the ancient traditions and some modern developments.
Prerequisite(s): one philosophy course or junior standing.

PHL 3200 - European Philosophy since Kant (4)
Among the major philosophers included are Hegel, Marx, Nietzsche and Sartre. Several types of Marxism and existentialism will be distinguished and their influence in this country will be discussed. Offered every two years.

Prerequisite(s): PHL 1100, PHL 1300, PHL 2100, PHL 2200, PHL 2210 or PHL 2220

PHL 3210 - Twentieth Century British and American Philosophy (4)
The issues that have dominated Anglo-American philosophy in the 20th century. The course will trace the history that has led Americans and Britons to look at philosophy in a new way, appropriate to our scientific world-view.
Prerequisite(s): one course in logic PHL 1070 recommended or PHL 2220

PHL 3300 - Ethical Theory (4)
Nature and relationship between means and ends in moral theory are considered. When, if ever, do the ends justify the means? Considers potential conflict between social good and the rights of individuals in this light. Examines attempts to reconcile these important aspects of moral theory. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the western civilization knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): PHL 1300 strongly recommended.

PHL 3310 - Ethics, Language and Reality (4)
Considers competing theories about the nature, meaning and reality of moral terms. What do moral terms mean? Do they refer to properties? Alternatively, do moral terms refer to emotional states of a person who uses such terms? What is the role of identity or human nature in moral language? Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. Satisfies the university general education requirement in the knowledge applications
integration area. Prerequisite for knowledge applications: completion of the general education requirement in the western civilization knowledge exploration area. Prerequisite(s): PHL 1100 (D), PHL 1300 (D), or PHL 1310 (D), or permission of instructor.

PHL 3400 - Metaphysics (4)
Study of selected influential attempts to characterize the basic features of the world. Emphasis on reformulations of metaphysical problems in the light of modern advances in scientific knowledge. Offered every other year. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the formal reasoning knowledge foundation area. Prerequisite(s): PHL 1070 or PHL 3000; and PHL 2100, PHL 2200, PHL 2210 or PHL 2220; or permission of instructor.

PHL 3410 - Theories of Knowledge (4)
Critical examination of knowledge claims and of the types of justification given in their support. Typical topics: skepticism, empiricism, rationalism, believing and knowing, intuition and limits of knowledge. Offered every other year.
Prerequisite(s): one philosophy course; PHL 2220 recommended.

PHL 3420 - Theories of Truth (4)
Theories of the nature of truth. Does truth exist? Is truth entirely a matter of perspective? Is the truth of a belief resemblance to reality? Are all true beliefs useful? Is truth always a good quality? Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite writing intensive: completion of the university writing foundation requirement. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the Western civilization knowledge exploration area.
Prerequisite(s): PHL 1100 (D), PHL 1300 (D), or PHL 1310 (D), or permission of instructor.

PHL 3500 - Bioethics (4)
Central ethical issues in modern health care and research. Included are the distribution and allocation of health resources, the right to life and death, "informed consent" and eugenics. Offered every other year. Satisfies the university general education requirement in the western civilization knowledge exploration area.

Prerequisite(s): PHL 1300 recommended.

PHL 3510 - Ethics in Business (4)
Review of basic ethical theory, and application to typical moral problems in business practices and institutions.
Prerequisite(s): junior standing, PHL 1300

PHL 3600 - Political Philosophy (4)
The meanings of central concepts in political philosophy, such as justice, freedom and authority, are examined through readings in classical political philosophers and crucial problems. Offered every other year.
Prerequisite(s): PHL 1100, PHL 1300, PHL 2100, PS 1400, SOC 2200

PHL 3610 - Philosophy of International Relations: Law, War and Peace (4)
Considers competing theories of global ethics, diplomacy, international law, just warfare, nationalism, military duty, disarmament, pacifism, non-violent resistance, civil strife, and terrorism. Offered every two years.
Prerequisite(s): PHL 1100, PHL 1300 or PHL 2100 or PS 1600 or AN 2130 or SOC 2200

PHL 3620 - Global Justice (4)
Considers ethical issues surrounding global poverty, international inequality, transnational institutional governance, human rights, international trade, immigration, and climate change.
Prerequisite(s): PHL 1100, PHL 1300 or PHL 2100 or PS 1600 or AN 2130 or SOC 2200

PHL 3630 - Philosophy of Crime, Policing and Punishment (4)
Philosophical engagement with issues raised by practices of policing and incarceration. Critical evaluation of the role of the courts, police, and prison systems in our society. Consideration of the social implications of criminalization, policing, and incarceration.
Prerequisite(s): PHL 1100 or PHL 1300 or PHL 2100 or CRJ 1100

PHL 3700 - Philosophy of Science (4)
Philosophical problems arising from critical reflection on the sciences. Typical topics: the structure of scientific explanation, the nature of scientific laws and theories, causality and confirmation. Offered every other year.
Prerequisite(s): one course in philosophy or one in natural science.

PHL 3710 - Philosophy of Biology (4)
Philosophical examination of issues arising out of modern biology such as the nature of species, the mechanisms of natural selection, and the implications of evolutionary theory for topics such as philosophy of mind, epistemology, social and political theory, ethics and medicine.
Prerequisite(s): one course in philosophy or one course in biology; PHL 3700 recommended.

PHL 3720 - Topics in the Philosophy of Science (4)
Specialized topics such as philosophy of biology, philosophy of the social sciences, philosophy of technology, or the history and philosophy of science will be offered periodically. Topic to be announced in the Schedule of Classes.
Prerequisite(s): junior standing and one course in philosophy or consent of instructor.

PHL 3800 - Philosophy of Mind (4)

Selected topics or works in the philosophical literature about mind. Some topics are: the nature of psychological explanation, the relation of mind and body, thinking, emotions, concepts, consciousness and remembering. Offered every other year.
Prerequisite(s): One course in philosophy or psychology or BIO 3220 neurobiology; junior standing.

PHL 3810 - Consciousness and Persons (4)
Exploration of central questions about the nature of consciousness and persons. What is consciousness?
How does consciousness relate to the physical world? What are persons? How do persons relate to bodies? Do persons persist over time? Can persons survive biological death?
Prerequisite(s): One course in philosophy or psychology, or BIO 3220 neurobiology, or permission of instructor.

## PHL 3820 - Mental Causation (4)

Philosophy meets neuroscience: What is the nature of mental causation? Are mental states wholly determined by brain states? Do reasons, beliefs, intentions, and other mental states influence neuronal activity and behavior? What is the relationship between the formation of a conscious intention, neural events, and voluntary action?

Prerequisite(s): one course in philosophy or permission of instructor.

PHL 3830 - Philosophy of Artificial Intelligence (4)
The philosophical foundations of artificial intelligence. Is the human mind a kind of computer? If so, what kind of computer is it? Could a sophisticated robot think, feel, or be consciously aware? Possible topics include cognition, perception, linguistic processing, action, the ethics of artificial intelligence research, and the value-ladenness of artificial intelligence research. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the formal reasoning knowledge foundation area.
Prerequisite(s): PHL 1000, PHL 1070, PHL 3000, or CSI 1300

PHL 3880 - Animal Minds and Morals (4)
Explores the connection between the questions "which creatures have minds?" and "which creatures are moral agents and patients?" Possible topics include: the problem of other minds, the language of thought, belief attribution, behaviorism, moral status, speciesism, and animal rights. Satisfies the university general education requirement in the western civilization knowledge exploration area.

## PHL 3900 - Topics in Philosophy (4)

One philosophical topic or problem at an intermediate level of difficulty. Topic to be announced in the Schedule of Classes for each semester. May be repeated for additional credit under different subtitle. Prerequisite(s): one philosophy course.

PHL 3910 - Ethics Bowl Preparation and Competition (4)
Students selected through competitive try-outs to be members of Oakland University's Ethics Bowl teams prepare for and participate in intercollegiate competition in philosophically informed debate over controversial issues. New cases are examined each year. Instructors guide students in independent theoretical research and in the art of public speaking.

PHL 3920 - Directed Readings in Philosophy (2)
Tutorial on a topic not included in regular courses, primarily (but not exclusively) for majors. Students should consult with the department chairperson before approaching a faculty member with a topic. Graded S/U.
Prerequisite(s): one philosophy course at Oakland and written permission of instructor, junior standing.

PHL 3996 - Independent Study in Philosophy (4)
Tutorial on a topic not included in regular courses, primarily (but not exclusively) for majors. In addition to reading and consultation, the student will write a substantial term paper. Cannot be repeated or counted toward any major or minor requirement other than degree credit without prior written approval from department chairperson.
Prerequisite(s): one philosophy course at Oakland and written permission of department chair, form available in 752 Math and Science Center; junior standing.

PHL 4100 - Philosophy of Language (4)
Philosophical theories of natural language structure. Emphasis on views about what meaning is and how we are to explain our ability to communicate with one another. Offered every other year. Identical with LIN 4480. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the formal reasoning knowledge foundation area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. Prerequisite(s): junior standing, PHL 1070 or PHL 3000 or LIN 4307 and one additional course in philosophy; or permission of instructor.

PHL 4200 - Study of a Major Philosopher (4)
A study of the works of one major philosopher. The specific philosopher will vary, but courses on Plato, Aristotle and Kant will be offered every few years. May be repeated for credit.
Prerequisite(s): one philosophy course; PHL 2200, PHL 2210, PHL 2220, PHL 3200 or PHL 3210 recommended, whichever is relevant.

PHL 4970 - Seminar on a Philosophical Topic (4)
One philosophical topic or problem at an advanced level of difficulty, normally requiring considerable background in philosophy. Topic and prerequisites to be announced in the Schedule of Classes for each semester. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): 28 credits in philosophy or permission of instructor.

PHL 4997 - College Teaching Apprenticeship (4)
Open to a well-qualified philosophy student who is invited by a faculty member to assist in a regular college course, usually as preparation for a career as a professor of philosophy

## Department of Physics

Mathematics and Science Center, Room 190<br>146 Library Drive<br>Rochester, MI 48309<br>(248) 370-3416<br>Fax: (248) 370-3408<br>Chairperson: Andrei Slavin<br>Professors emeriti: Abraham R. Liboff, Ralph C. Mobley, Norman Tepley, Paul A. Tipler, W. D. Wallace<br>Distinguished professors: Michael Chopp, Andrei Slavin, Gopalan Srinivasan, Yang Xia<br>Professors: Ken Elder, David Garfinkle, Alberto Rojo, Bradley J. Roth<br>Associate professors: Kapila Clara Castoldi, Evgeniy Khain, Yuejian Wang<br>Assistant professors: Ilias Cholis, Eugene Surdutovich, Wei Zhang<br>Research associate professor: Vasyl Tyberkevych<br>Adjunct professors: Jieli Chen, Indrin J. Chetty, Xuanfeng Ding, James R. Ewing, Grant R. Gerhart, Carrie Glide-Hurst, Thomas Guerrero, Quan Jiang, Bryan Shumaker, Hamid Soltanian-Zadeh, Srinivasan Venkatesan, Uma Devi Venkateswaran, George Wilson, Di Yan, Hualiang Zhong<br>Adjunct associate professors: Rao Bidthanapally, Quan Jiang, Robert A. Knight, Jian Liang, Patrick N. McDermott<br>Adjunct assistant professors: Susan M. Bowyer, Benjamin Buller, Edward Castillo, Dan Ionascu, Kenneth Jenrow, Steffan Puwal, Chungi Qian, Somayyeh Sheikholeslami<br>Special Lecturer: Steffan Puwal<br>Lecturers: Susan Bowyer, Jyothi Raman

Chief Adviser: Eugene Surdutovich

Courses within the Department of Physics are grouped into two categories - pre-professional career programs and experiences in science for students with broad interests in contemporary human culture. The latter are strongly recommended for students planning any of a wide range of careers, including law, business, criminology, art history, music, government, education and journalism. High school students intending to major in physics should refer to the Admissions section of the catalog for specific preparation requirements.

Programs of study lead to the Bachelor of Science degree with majors in physics, medical physics and engineering physics, Bachelor of Arts degree with a major in physics, Master of Science degree in physics, and Doctor of Philosophy degree in biomedical sciences with specialization in medical physics.

The Bachelor of Science in physics is intended for students who plan to become professional scientists. It qualifies students for graduate studies in physical sciences or research positions in government and industry. Students pursuing this degree should consult with faculty members on different available specialties.

The Bachelor of Arts in physics is primarily designed for students who desire a broader, less professionally specialized background in physics. The minor in physics is available for students who want to supplement their work in other fields with an introduction to physics. A secondary teaching minor in physics is available.

The Bachelor of Science in medical physics is based on a group of physics courses plus relevant biology, chemistry and mathematics courses. These students take "Biological Physics" and "Medical Physics." The degree, with the addition of select biology courses, offers an excellent preparation for medical school. Students should consult an adviser in pre-medical studies regarding the selection of these courses.

The Bachelor of Science in engineering physics, which is offered jointly with the School of Engineering and Computer Science, is intended for well-qualified students who seek a broad education in physics and mathematics along with basic preparation in engineering.

All physics majors, during the semester they plan to graduate, will be required to complete an assessment test. The purpose of this test is to determine how well students are achieving the goals of the learning objectives in their major. The results of this test will have no impact on a student's graduation status.

Mathematics Requirements for PHY 1010, 1080, 1610, 1620

The various general physics courses (PHY 1010, PHY 1080) are directed to students enrolled in a wide variety of majors having different levels of mathematical preparation. The Physics Department therefore requires that either the students' ACT math score is 22 or higher or the SAT math score is 550 or higher or that they have taken MTH 0662, an academic enrichment course intended for students in need of additional preparation for university courses. Another alternative is for students to take a Math Placement Test and place above the MTH 0662 math level. This test is available year round in the Department of Mathematics and Statistics office ( 368 MSC) between 8-11 a.m. and 1-4 p.m. Student ID number (Grizzly ID) is required. It takes approximately one hour to take the test and receive the results.

Students enrolled in PHY 1510 - Introductory Physics I are encouraged to have taken MTH 1554 prior to the course. If they are taking MTH 1554 concurrently with the Physics course, the Physics Department requires that either the student's ACT math score is 28 or higher or the SAT math score is 660 or higher or that they have taken MTH 1441 (pre-calculus), or that they placed above the MTH 1441 math level in the Math Placement Test.

Students enrolled in PHY 1610 - Fundamentals of Physics I are required to have already taken MTH 1554 - Calculus I. Students enrolled in PHY 1620 - Fundamentals of Physics II are required to have already taken MTH 1555 - Calculus II.

## Advising

## Chief adviser: Eugene Surdutovich

Advisers in the various physics fields are professors David Garfinkle (astrophysics), Alberto Rojo (secondary teacher education program), Bradley Roth (medical physics, biophysics), Andrei Slavin (engineering physics, geophysics), and Gopalan Srinivasan (materials physics). Independent research projects are available in each area.

Departmental Honors

Departmental honors may be awarded to students on the basis of high academic achievement and either independent research or meritorious service to the Department of Physics.

## Programs

- Physics, B.A.
- Physics, B.S.
- Engineering Physics, B.S.
- Medical Physics, B.S.
- Physics, STEP
- Physics Minor
- Physics Secondary Teaching Minor


## Physics, B.A.

Requirements for the liberal arts major in physics, B.A. program

To earn the Bachelor of Arts degree with a major in physics, students must complete:

1. Required courses in physics

PHY 1510 - Introductory Physics I (4) and PHY 1100 - General Physics Lab I
(1)

PHY 1520 - Introductory Physics II (4) and PHY 1110 - General Physics Lab II
(1)

PHY 3710 - Foundations of Modern Physics (4)
PHY 3170 - Modern Physics Laboratory (2)
2. An additional 16 credits in physics, with at least 12 credits in courses numbered above 2000
3. Required courses in mathematics

MTH 1554-Calculus I (4)
MTH 1555 - Calculus II (4)
MTH 2554 - Multivariable Calculus (4)
4. Eight additional credits in chemistry, mathematics and physics, but not CHM 3000
5. Capstone course

PHY 4970 - Undergraduate Seminar (3) or PHY 4995 - Independent Research (3-6) (either of which fulfills the university general education requirement for the capstone course in the major)

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts \& Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Physics, B.S.

Requirements for the major in physics, B.S. program

To earn the Bachelor of Science degree with a major in physics, students must complete:

1. 20 required credits in physics

PHY 1510 - Introductory Physics I (4) and PHY 1100 - General Physics Lab I
(1)

PHY 1520 - Introductory Physics II (4) and PHY 1110 - General Physics Lab II
(1)

PHY 3170 - Modern Physics Laboratory (2)
PHY 3510 - Intermediate Theoretical Physics (4)
PHY 3710 - Foundations of Modern Physics (4)
2. A minimum of 22 elective credits in physics at or above the 2000 level, including at least 2 credits of laboratory coursework

PHY 3610 - Mechanics I (4) and PHY 3810 - Electricity and Magnetism
are strongly recommended for students planning graduate work in physics.
3. Required courses

MTH 1554 - Calculus I (4)
MTH 1555 - Calculus II (4)
MTH 2554 - Multivariable Calculus (4)
MTH 2775 - Linear Algebra (4) or APM 2555 - Introduction to Differential Equations with Matrix Algebra
(4)
4. 10 credits of chemistry at a level not below CHM 1440, but not CHM 3000
5. Capstone course

PHY 4970 - Undergraduate Seminar (3) or PHY 4995 - Independent Research (3-6) (either of which fulfills the university general education requirement for the capstone course in the major)

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts \& Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Engineering Physics, B.S.

Requirements for the major in engineering physics, B.S. program

## Coordinators: Hoda Abdel-Aty-Zohdy (SECS) with, Andrei Slavin (Physics)

The program in engineering physics is offered jointly by the School of Engineering and Computer Science and the College of Arts and Sciences. This program blends the pure and applied, the theoretical and practical aspects of scientific knowledge into a meaningful educational experience. Through the
university's cooperative education program, engineering physics students may opt to combine a relevant work experience with their formal education.
Course requirements (minimum of 128 total credits)

To earn the degree of Bachelor of Science with a major in engineering physics, students must complete a minimum of 128 credits, demonstrate writing proficiency (see Undergraduate degree requirements) and meet the following requirements:
General education (excluding mathematics and science) -- 28 credits

Students are required to take PHL 1310 - Introduction to Ethics in Science and Engineering to satisfy the General Education Requirements in Western Civilization.

In order to graduate on-schedule without taking additional courses, it is highly recommended that students meet with an SECS Undergraduate Academic Adviser concerning the selection of all of their general education courses.

Mathematics and sciences -- 48 credits
MTH 1554-Calculus I (4)
MTH 1555 - Calculus II (4)
MTH 2554 - Multivariable Calculus (4)
APM 2555 - Introduction to Differential Equations with Matrix Algebra (4)
CHM 1430 - Chemical Principles (4) ; or [CHM 1440 (4) and CHM 1470 (1)]
PHY 1510 - Introductory Physics I (4) and PHY 1100 - General Physics Lab I (1)
PHY 1520 - Introductory Physics II (4) and PHY 1110 - General Physics Lab II (1)
PHY 3170 - Modern Physics Laboratory (2)
PHY 3510 - Intermediate Theoretical Physics (4)
PHY 3610 - Mechanics I (4)
PHY 3710 - Foundations of Modern Physics (4)

Must choose one course from the list below:

PHY 3310-Optics (4)
PHY 3660 - Vibrations and Waves (4)
PHY 3810 - Electricity and Magnetism (4)
PHY 4720 - Quantum Mechanics I (4)

Engineering core -- 21 credits

EGR 1200 - Engineering Graphics and CAD (1) (1)
EGR 1400 - Computer Problem Solving in Engineering and Computer Science (4)
EGR 2400 - Introduction to Electrical and Computer Engineering (4)
EGR 2500 - Introduction to Thermal Engineering (4)
EGR 2600 - Introduction to Industrial and Systems Engineering (4)
EGR 2800 - Design and Analysis of Electromechanical Systems (4)
Required professional subjects -- 11 to 14 credits

ECE 2005 - Electric Circuits (4)

ECE 3100 - Electronic Circuits and Devices I (4)
PHY 4995 - Independent Research (3 TO 6)

Professional Electives -- 12 credits

The following two depth areas are offered as typical. Select 12 credits from one of these. Students with different interests can construct different depth areas in consultation with the program coordinators.

1. Solid state physics and technology depth area

ECE 4130 - Electronic Materials and Devices (4)
PHY 4720 - Quantum Mechanics I (4)
Choose one design elective course from the list below
ECE 3710 - Computer Hardware Design (4)
ECE 4135 - Integrated Electronics (4)
ECE 4210 - Communication Systems (4)
ECE 4720 - Microprocessors-based Systems Design (4)
2. Applied mechanics depth area

PHY 3660 - Vibrations and Waves (4)
ME 3200 - Engineering Mechanics (4) (or ME 3250) (4)
Choose one design elective course from the list below
ME 4500 - Energy Systems Analysis and Design (4)
ME 4210 - Analysis and Design of Mechanical Structures (4)
ME 4550 - Fluid and Thermal Systems Design (4)
ME 4300 - Mechanical Systems Design (4)
ME 4350 - Mechanical Computer-Aided Engineering (4)
Technical electives, choose 8 credits from

MTH 2775 - Linear Algebra (4)
APM 2663 - Discrete Mathematics (4)
PHY 3180 - Nuclear Physics Laboratory (2)
PHY 3310 - Optics (4)
PHY 3660 - Vibrations and Waves (4)
PHY 3720 - Nuclear Physics (4)
PHY 3810 - Electricity and Magnetism (4)
PHY 4180 - Modern Optics Laboratory (2)
PHY 4720 - Quantum Mechanics I (4)
PHY 4820 - Electricity and Magnetism II (4)
ECE 3710 - Computer Hardware Design (4)
ME 3500 - Introduction to Fluid and Thermal Energy Transport (4)
ME 3250 - Mechanics of Materials (4)
Any 4000-level ECE, ME or ISE courses (4-8)

## Major Standing

To enroll in 3000- or higher level courses and to become candidates for the degree of Bachelor of Science with a major in Engineering Physics, students must gain major standing in Engineering Physics. An application for major standing should be submitted prior to intended enrollment in 3000-or higher level courses. Forms may be obtained from the SECS Undergraduate advising office or from the SECS website.

To gain major standing in Engineering Physics, students must meet the following requirements:
A) have an average GPA of 2.0 in the following mathematics and science courses: MTH 1554, MTH 1555, APM 2555, CHM 1430, PHY 1510, PHY 1100, PHY 1520, and PHY 1110.
B) have an average GPA of 2.0 in the following engineering core courses: EGR 1200, EGR 1400, EGR 2400, EGR 2500, EGR 2600, and EGR 2800.
$C$ ) have no more than two grades below $C$ in the required courses in $A$ and $B$ above.
D) have not attempted any course listed in $A$ and $B$ above more than three times. Students may petition to repeat a course a fourth time.
E) have not repeated more than three different courses listed in A and B. Courses in which a W (withdrawal) grade is recorded will not be counted.

Conditional major standing may be granted in the semester in which the student will complete the courses listed in A and B above.

## Performance Requirements and Additional General Education Notes

Satisfactory completion of the program requires an average grade of $C$ within each course group: namely, mathematics and sciences, engineering core, and professional subjects (including required professional subjects and professional depth areas). Within professional subjects, at most two grades below $C$ are permitted, at most two different courses may be repeated and a total of three attempts are permitted. Students in this program are not required to complete the college distribution requirement of the College of Arts and Sciences.

## Medical Physics, B.S.

Requirements for the major in medical physics, B.S. program

To earn the Bachelor of Science degree with a major in medical physics, students must complete:

1. Physics courses

PHY 1510 - Introductory Physics I (4) and PHY 1100 - General Physics Lab I
(1)

PHY 1520 - Introductory Physics II (4) and PHY 1110 - General Physics Lab II
(1)

PHY 3170 - Modern Physics Laboratory (2)

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PHY 3180 - Nuclear Physics Laboratory (2)
PHY 3250 - Biological Physics (4)
PHY 3260 - Medical Physics (4)
PHY 3510 - Intermediate Theoretical Physics (4)
PHY 3710 - Foundations of Modern Physics (4)
PHY 3720 - Nuclear Physics (4)
PHY 3810 - Electricity and Magnetism (4)
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2. Mathematics and statistics courses

MTH 1554 - Calculus I (4)
MTH 1555 - Calculus II (4)
MTH 2554 - Multivariable Calculus (4)
STA 2226 - Applied Probability and Statistics (4)
APM 2555 - Introduction to Differential Equations with Matrix Algebra (4)
3. Chemistry courses

CHM 1440 - General Chemistry I (4) and CHM 1470 - General Chemistry Laboratory I
(1)

CHM 1450-General Chemistry II (4) and CHM 1480-General Chemistry Laboratory II
(1)
plus 4 additional credits at a level not below CHM 1440 (CHM 2010 may be taken for credit, but not CHM 3000)

## 4. Biology courses

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BIO 1200-Biology I (4)
BIO 2100 - Human Anatomy (4)
BIO 2600 - Human Physiology (4)
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## 5. Capstone course

PHY 4970 - Undergraduate Seminar (3) or PHY 4995 - Independent Research (3-6) (either of which fulfills the university general education requirement for the capstone course in the major)

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Physics, STEP

Secondary Teacher Education Program (STEP): Physics

The Secondary Teacher Education Program (STEP) at Oakland University is an extended program of study leading to certification. Students in this program may complete the requirements for a B.A. degree in physics as listed below or may complete the requirements for the B.S. degree, which requires 14 additional credits. Generally, eligibility for admission to the STEP requires a GPA of 3.00 in both the major and minor, and an overall GPA of 2.80 . No single major or minor course grade may be below C . Second undergraduate degree candidates completing major and/or minors may be required to complete additional course work at Oakland University beyond the stated minimums.

1. Required courses - 16 credits

PHY 1510 - Introductory Physics I (4) and PHY 1100 - General Physics Lab I
(1)

PHY 1520 - Introductory Physics II (4) and PHY 1110 - General Physics Lab II
(1)

PHY 3170 - Modern Physics Laboratory (2)
PHY 3710 - Foundations of Modern Physics (4)
2. Twelve credits chosen from

PHY 3250 - Biological Physics (4)
PHY 3310 - Optics (4)
PHY 3510 - Intermediate Theoretical Physics (4)
PHY 3610 - Mechanics I (4)
PHY 3660 - Vibrations and Waves (4)
PHY 3720 - Nuclear Physics (4)
PHY 3810 - Electricity and Magnetism (4)
PHY 4210 - Thermodynamics (4)
3. Four laboratory credits chosen from

PHY 3060 - Observational Astronomy (2)
PHY 3180 - Nuclear Physics Laboratory (2)
PHY 4180 - Modern Optics Laboratory (2)
PHY 4870 - Electricity and Magnetism Laboratory (2)
PHY 4995 - Independent Research (3 TO 6)
4. Mathematics courses - 12 credits

MTH 1554 - Calculus I (4)
MTH 1555 - Calculus II (4)
APM 2555 - Introduction to Differential Equations with Matrix Algebra (4)
5. Chemistry courses - 10 credits

CHM 1440-General Chemistry I (4) and CHM 1470-General Chemistry Laboratory I
(1)

CHM 1450-General Chemistry II (4) and CHM 1480-General Chemistry Laboratory II
6. Four credits of biology at or above the level of BIO 1200, excluding BIO 3000.
7. Four credits of earth science chosen from

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PHY 1060 - Earth Science/Physical Geography (4)
PHY 3070-Geophysics (4)
PHY 3080 - Physical Oceanography (4)
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8. Four credits relating science, technology, and society chosen from

AN 3110 - Culture, Society and Technology (4)
ENV 3080 - Introduction to Environmental Studies (4)
ENV 3120 - Energy and the Environment (4)

## 9. Capstone course

PHY 4970 - Undergraduate Seminar (3) or PHY 4995 - Independent Research (either course fulfills the university general education requirement for the capstone course in the major)

## Education Courses

A program in STEP must include either a 20-28 credit secondary teaching minor or an integrated science endorsement. Furthermore, STEP Physics majors must also complete a sequence of undergraduate course work in education to include SED 3000 (must be completed prior to STEP application), RDG 4238, DLL 4197, FE 3010 and SED 4100 (must be completed prior to the final internship semester).

Extended study including SE 4401, SED 4200, SED 4951 and SED 4952 is also required. Further details on program and admission requirements and procedures can be found in the School of Education and Human Services portion of the catalog and by consulting advisers in the department of Physics and the School of Education and Human Services Advising Office (363 Pawley Hall, 248-370-4182).

SED 3000 - Introduction to Secondary Education (1 TO 4) (must be completed prior to STEP application)

RDG 4238 - Teaching Reading in the Content Areas (4)
DLL 4197 - Digital Technologies in the Secondary Classroom (4)
SED 4100 - ST: Teaching Secondary in the Minor Methods (3 OR 4) (must be completed prior to the final internship semester)

SE 4401 - Introduction to Students with Special Needs (4)
SED 4200 - ST: Teaching Secondary of the Major Methods (3 OR 4)
SED 4951 - Internship I: Pre-Student Teaching (4)
SED 4952 - Internship in Secondary Education (4 TO 12)
FE 3010 - Educational Psychology for K-12 Educators (4)
Secondary Teacher Education Program (STEP): Endorsement Concentration in Integrated Science

Students pursuing the STEP Physics major are eligible to pursue an Integrated Science endorsement. Students who complete both the STEP Physics major and the STEP Integrated Science program will be
recommended for certification by Oakland University to teach the following subjects at the secondary level: Biology, Chemistry, Earth Science, Life Science, Physical Science and Physics. This program may be substituted for a secondary teaching minor.
Students must complete the STEP physics major and the following courses:

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BIO 1200-Biology I (4)
BIO 1300- Biology II (4)
CHM 1440-General Chemistry I (4) and CHM 1470-General Chemistry Laboratory I
CHM 1450-General Chemistry II (4) and CHM 1480-General Chemistry Laboratory II
CHM 2340-Organic Chemistry I (4)
ENV 3080 - Introduction to Environmental Studies (4)
PHY 1010-General Physics I (4) or PHY 1510 - Introductory Physics I
PHY 1100-General Physics Lab I (1)
PHY 1020-General Physics II (4) or PHY 1520 - Introductory Physics II
PHY 1110-General Physics Lab II (1)
PHY 1040 - Astronomy: The Solar System (4)
GEO 1060 - Earth Science/Physical Geography (4) or PHY 1060 - Earth Science/Physical Geography
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Note

STEP physics majors should note that many of the courses listed above may have already been taken in the process of completing the STEP physics major.

A cumulative grade point average of 3.00 is required in courses in the program, with no single course grade below C . Second undergraduate degree candidates completing the program may be required to take additional courses at Oakland University beyond the stated minimums. Students must consult with the STEP physics adviser.

## Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

## Physics Minor

Requirements for the liberal arts minor in physics

To earn a minor in physics, students must complete a minimum of 20 credits, including:

1. Required courses

PHY 1010 - General Physics I (4) or PHY 1510 - Introductory Physics I

PHY 1100-General Physics Lab I (1)
PHY 1020-General Physics II (4) or PHY 1520 - Introductory Physics II

PHY 1110 - General Physics Lab II (1)
2. At least 10 credits in physics courses, of which 8 must be numbered 3000 or above

## Physics Secondary Teaching Minor

Requirements for the secondary teaching minor in physics

To earn a secondary teaching minor in physics, students must complete:

1. Required courses
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PHY 1010-General Physics I (4) or PHY 1510 - Introductory Physics I
PHY 1100-General Physics Lab I (1)
PHY 1020-General Physics II (4) or PHY 1520 - Introductory Physics II
PHY 1110-General Physics Lab II (1)
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2. 10 credits in physics courses numbered 3000 or above

PHY 3710 - Foundations of Modern Physics (4) must be one of the courses
3. Required methods course

SED 4100 - ST: Teaching Secondary in the Minor Methods (4)

## Note

Non-sciences majors, i.e., students majoring in disciplines other than biology or chemistry, must complete an additional 4 credits in science for a total of 24 credits.

Generally, application to OU STEP requires a minimum cumulative grade point average of 3.0 in courses in the major and the minor. To progress into the internship year, students admitted to the OU STEP must maintain a minimum GPA of 3.00 in both their major and minor coursework, with no single course grade below C .

Second undergraduate degree candidates completing the minor may be required to take additional courses at Oakland University beyond the stated minimums. Students must consult with the secondary education minor adviser in the department.

## Courses

GEO 1060 - Earth Science/Physical Geography (4)
Identical with PHY 1060. Satisfies the university general education requirement in the natural science and technology knowledge exploration area.

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PHY 1010-General Physics I (4)
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Mechanics, heat, mechanical waves and sound. Calculus is not required. PHY 1010 and PHY 1100 together satisfy the university general education requirement in the natural science and technology knowledge exploration area.
Prerequisite(s): Score of 22 or higher on ACT mathematics exam or 550 or higher on SAT mathematics exam; or MTH 0662 or equivalent; or placement above MTH 0662.
Corequisite(s): PHY 1100.

PHY 1020 - General Physics II (4)
Electricity and magnetism, light, relativity, atomic and nuclear physics. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the natural science and technology knowledge exploration area.
Prerequisite(s): PHY 1010 or PHY 1510.
Corequisite(s): PHY 1110.

PHY 1040 - Astronomy: The Solar System (4)
The sun, planets, space travel, the search for extraterrestrial life. Offered fall only. Satisfies the university general education requirement in the natural science and technology knowledge exploration area.

PHY 1050 - Astronomy: Stars and Galaxies (4)
Nature and evolution of stars, the Milky Way and other galaxies, cosmology. Offered winter only.
Satisfies the university general education requirement in the natural science and technology knowledge exploration area.

PHY 1060 - Earth Science/Physical Geography (4)
The earth: its structure, history, and the geography of its surface. Topics include the theory of continental drift, rocks and minerals, earthquakes, volcanoes, mountains, rivers, deserts, weather, climate, the geomagnetic field, and the earth's resources. Identical with GEO 1060. Satisfies the university general education requirement in the natural science and technology knowledge exploration area.

PHY 1080 - Principles of Physics I (4)
Mechanics, heat, mechanical waves and sound. Calculus is not required. This course has common lectures with PHY 1010. PHY 1080 does not satisfy the university general education requirement in the natural science and technology knowledge exploration area.

Prerequisite(s): Score of 22 or higher on ACT mathematics exam or 550 or higher on SAT mathematics exam; or MTH 0662 or equivalent; or placement above MTH 0662.

PHY 1090 - Principles of Physics II (4)
Electricity and magnetism, light, relativity, atomic and nuclear physics. This course has common lectures with PHY 1020. Satisfies the university general education requirement in the knowledge applications
integration area. Prerequisite for knowledge applications: completion of the general education requirement in the natural science and technology knowledge exploration area.

Prerequisite(s): PHY 1080

PHY 1100 - General Physics Lab I (1)
Elementary experiments in mechanics, thermodynamics, and waves. May be taken with permission by students who have completed PHY 1080 or PHY 1610.
Corequisite(s): PHY 1010 or PHY 1510

PHY 1110 - General Physics Lab II (1)
Elementary experiments in electricity and magnetism, optics, and modern physics. May be taken by permission by students who have completed PHY 1090 or PHY 1620.
Corequisite(s): PHY 1020 or PHY 1520

PHY 1200 - The Physics of Everyday Life (4)
Concepts of physics taught with reference to specific everyday observations or devices such as automobiles, televisions, radios, and microwave ovens. Topics include the laws of motion, fluids, heat, thermodynamics, waves, electric and magnetic fields, optics and nuclear physics. Satisfies the university general education requirement in the natural science and technology knowledge exploration area.

PHY 1310 - Physics in Medicine (4)
The physical basis for a variety of diseases and disorders, as well as diagnostic and therapeutic techniques will be discussed by a number of medical physics faculty and guest lecturers.
Prerequisite(s): high school algebra.

PHY 1510 - Introductory Physics I (4)
Classical mechanics and thermodynamics. For science, mathematics and engineering students. PHY 1510 and PHY 1100 together satisfy the university general education requirement in the natural science and technology knowledge exploration area.
Prerequisite(s): Score of 28 or higher on ACT mathematics exam; or score of 660 or higher on SAT mathematics exam; or MTH 1441 or equivalent; or MTH 1331 and MTH 1332; or placement above MTH 1441. MTH 1554 recommended.

Corequisite(s): PHY 1100.

PHY 1520 - Introductory Physics II (4)
Sound, light, electricity and magnetism. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration:
completion of the general education requirement in the natural science and technology knowledge exploration area.
Prerequisite(s): PHY 1510; MTH 1555 recommended.
Corequisite(s): PHY 1110

PHY 1610 - Fundamentals of Physics I (4)
Classical mechanics and thermodynamics. For science, mathematics and engineering students. This course has common lectures with PHY 1510. PHY 1610 does not satisfy the university general education requirement in the natural science and technology knowledge exploration area.
Prerequisite(s): MTH 1554

PHY 1620 - Fundamentals of Physics II (4)
Sound, light, electricity and magnetism. This course has common lectures with PHY 1520. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the general education requirement in the natural science and technology knowledge exploration area.
Prerequisite(s): (PHY 1610 or PHY 1510) and MTH 1555.

PHY 2995 - Introduction to Research (2 TO 4)
Independent study and/or research in physics for students with no research experience. May be repeated for additional credit.
Prerequisite(s): written agreement of a physics faculty supervisor.

## PHY 3040 - Astrophysics I (4)

Application of elementary physics to the study of planets, stars, galaxies and cosmology.
Prerequisite(s): recommended PHY 1020 or PHY 1520 and MTH 2554

PHY 3050 - Astrophysics II (4)
Continuation of PHY 3040.
Prerequisite(s): PHY 3040 recommended.

PHY 3060 - Observational Astronomy (2)
Lecture/laboratory course providing basic training in astronomical techniques.
Prerequisite(s): instructor permission. PHY 1040 or PHY 1050 recommended.

PHY 3070-Geophysics (4)
The application of physics concepts to the study of the earth, gravity and its anomalies, geomagnetism, earth-sun energy, geochronology and seismic wave propagation.
Prerequisite(s): PHY 1020 or PHY 1520, PHY 1060 and MTH 2554 recommended.

PHY 3080 - Physical Oceanography (4)
Physical oceanography and meteorology; composition and structure of the atmosphere and oceans. Interactions of sea water with the atmosphere, the continents and man.
Prerequisite(s): PHY 1020 or PHY 1520, PHY 1060 and MTH 2554 recommended.

PHY 3170 - Modern Physics Laboratory (2)

Optics and atomic physics experiments.
Prerequisite(s): recommended PHY 1100 and PHY 1110
Corequisite(s): recommended PHY 3710

PHY 3180 - Nuclear Physics Laboratory (2)
Nuclear physics experiments.
Prerequisite(s): PHY 1100 and PHY 1110 recommended.
Corequisite(s): PHY 3720 recommended.

PHY 3250 - Biological Physics (4)
Applications of physics to biology, including biomechanics, fluid dynamics, statistical mechanics, diffusion, bioelectricity, biomagnetism, feedback and control.
Prerequisite(s): PHY 1020 or PHY 1520 and MTH 1555 recommended.

PHY 3260 - Medical Physics (4)
Applications of physics to medicine, including signal analysis, imaging, $x$-rays, nuclear medicine and magnetic resonance imaging.
Prerequisite(s): PHY 1020 or PHY 1520 and MTH 1555 recommended.

PHY 3310 - Optics (4)
Geometrical optics, optical instruments, wave theory of reflection, refraction, interference, diffraction and polarization of light.
Prerequisite(s): recommended PHY 1020 or PHY 1520 and MTH 1555
Corequisite(s): recommended MTH 2554

PHY 3510 - Intermediate Theoretical Physics (4)
Topics and techniques common to intermediate physics courses. Includes analytical and numerical (computer) solution techniques, DIV, GRAD, CURL and Fourier analysis.
Prerequisite(s): recommended PHY 1020 or PHY 1520 and MTH 1555

PHY 3610 - Mechanics I (4)
Applications of Newton's laws to particles, systems of particles, harmonic oscillators, central forces, accelerated reference frames and rigid bodies.
Prerequisite(s): PHY 1020 or PHY 1520 and MTH 2554 recommended.

PHY 3660 - Vibrations and Waves (4)
Oscillations; mechanical waves in one, two and three dimensions; sound.
Prerequisite(s): PHY 1520 and MTH 1555 recommended.

PHY 3710 - Foundations of Modern Physics (4)
Introduction to relativity, kinetic theory, quantization and atomic physics. Additional topics chosen from physics of molecules, solids, nuclei and elementary particles.

Prerequisite(s): PHY 1020 or PHY 1520 and MTH 1555 recommended; concurrent enrollment in PHY 3170.

## PHY 3720 - Nuclear Physics (4)

Radioactivity, interaction of radiations with matter, accelerators, nuclear reactions, fission and fusion. Prerequisite(s): PHY 1020 or PHY 1520 and MTH 1555 recommended; concurrent enrollment in PHY 3180.

PHY 3810 - Electricity and Magnetism (4)
Maxwell's equations and the experimental laws of electricity and magnetism. Potential theory, boundary conditions on the electromagnetic field vectors, field energy. Dielectrics, conductors and magnetic materials.
Prerequisite(s): recommended PHY 3510 and MTH 2554, APM 2555

PHY 4180 - Modern Optics Laboratory (2)
Experiments illustrating geometric and physical optics principles, lasers, fiber optics, holography, and spectroscopy. Equipment used ranges from simple to sophisticated lasers, interferometers, digital cameras, and a Raman spectrometer.
Prerequisite(s): recommended PHY 3170, PHY 3710 and PHY 3310 or permission of instructor.

PHY 4210 - Thermodynamics (4)
The zeroth, first and second laws of thermodynamics with applications to pure substances. Introduction to the kinetic theory of gases and to statistical mechanics.
Prerequisite(s): PHY 3610 and APM 2555 recommended.

PHY 4310 - Lasers and Applications (4)
Interaction of radiation and atomic systems, basic principles and properties of laser light, types of lasers, applications in physics, optical communication, industry and medicine.
Prerequisite(s): recommended PHY 3310 or PHY 3710 or permission of instructor.

PHY 4700 - Relativity (4)
Special relativity in mechanics and electromagnetism. Introduction to general relativity and gravitation. Prerequisite(s): recommended PHY 3610 or PHY 3710 or PHY 3810

PHY 4720 - Quantum Mechanics I (4)
Principles of non-relativistic quantum mechanics, Schrodinger wave equation, expectation values of energy, position, momentum and angular-momentum operators, spin, perturbation theory, identical particles. With applications to atomic systems.

Prerequisite(s): recommended PHY 3510, PHY 3610, PHY 3710 and APM 2555

PHY 4820 - Electricity and Magnetism II (4)

Multipole fields, solutions of Laplace and Poisson equations, electromagnetic waves in insulators and conductors, radiation and the derivation of the laws of optics from Maxwell's equations.
Prerequisite(s): recommended PHY 3810, APM 2555

PHY 4870 - Electricity and Magnetism Laboratory (2)
Experiments in electricity and in magnetism, including coupled circuits, bridges, creation and detection of electric and magnetic fields, the geomagnetic field, spectrum analysis, transmission lines and microwaves.
Corequisite(s): PHY 3810
PHY 4905 - Special Topics (2 TO 6)
Prerequisite(s): permission of department.

PHY 4970 - Undergraduate Seminar (3)
Weekly colloquia describing research at the forefront of physics. Requires a written report. Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): permission of instructor.

PHY 4995 - Independent Research (3 TO 6)
Independent study or research project carried out under the direction of a faculty member. May be repeated for additional credit. Requires a written report. Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): junior standing and written agreement with a physics faculty member.

SCI 1000 - Physical Sciences in Life, the World and Beyond (4)
Interdisciplinary physical science course for non-science majors to enhance their scientific literacy and experience the scientific approach to problem solving in active-learning classrooms and hands-on in computer laboratories. Modules on the science of everyday life, science of the microscopic world, and the earth and beyond. Offered every semester. Satisfies the university general education requirement in the natural science and technology knowledge exploration area.
Prerequisite(s): MTH 0662 with a grade of (C) or higher or placement in higher level math course.

## Department of Political Science

## 418 VARNER HALL

(248) 370-2352

Fax: (248) 370-4299

Chairperson: Peter F. Trumbore<br>Distinguished professor emeritus: Sheldon Appleton<br>Professors emeriti: Thomas W. Casstevens, Robert J. Goldstein, William A. Macauley, Roger H. Marz<br>Professors: David A. Dulio, John S. Klemanski, Paul J. Kubicek, Peter F. Trumbore<br>Associate professors: Cristian Cantir, Douglas Carr, Matthew Fails, Diane Hartmus, Roger Larocca, Laura Landolt, Emmett Lombard, Nicole Asmussen Matthew, Claudia Petrescu, C. Michelle Piskulich, J. Patrick Piskulich, Terri L. Towner, Julie Walters

Assistant professors: Cody D. Eldredge, Sung-eun Kim

Special instructor: Alan David Epstein

Internship directors: Diane Hartmus (Public Administration), David A. Dulio (Political Science and International Relations)

Political science offers a concentrated and systematic study of politics at all levels of government and in many different cultural and national settings. Policy making, political institutions, law, political behavior, administration, international politics, foreign governments, and theories and philosophies of government are among the many topics covered in the department's course offerings. The aim of the department's general educational courses is to increase students' awareness and understanding of the broad realm of politics and government. Many students electing a major from the Department of Political Science wish to prepare for careers in all types of fields given the set of skills students develop (e.g., critical thinking, data analysis, writing, etc.) in their studies. Fields closest to the discipline include government, law, practical politics like campaigning and lobbying, or the teaching of government and social studies. Students earning a degree from the political science department also go on to careers in the non-profit and business sectors and a wide range of graduate programs.

The Bachelor of Arts degree with a major in political science is the department's broadest program and is appropriate for students with an interest in government and politics or students who intend to enter law school or graduate school. Two specializations within the major, Courts, Justice, and Politics, and Campaigns and Elections, allow for more a focused plan of study. The Bachelor of Arts degree with a major in international relations is a multidisciplinary major, which is housed in the Department of Political Science, and focuses on global politics, economics, history and philosophy. This major is ideal for students interested in working with a multinational corporation, an international development agency or a government institution such as the Department of State. Two specializations available with the major, Foreign Affairs and Diplomacy, and Global Justice and Sustainability, allow for more a focused plan of study. The department also offers a major in public administration leading to the Bachelor of

Science degree. This program is designed to provide appropriate analytical skills and prepare students for direct entry into public service or for specialized graduate programs in public administration and public policy. The Master of Public Administration degree is also offered by the department (see the Oakland University Graduate Catalog), which is a member of the National Association of Schools of Public Affairs and Administration (NASPAA).

Departmental Honors and Scholarships

Departmental honors will be awarded to students who have attained an overall grade point average of at least 3.50. Scholarships are available annually on a competitive basis to qualified department majors.

Requirements for a major in political science with other concentrations

Students in political science may pursue a regular major in political science with a number of interdepartmental concentrations. These include American studies, environmental studies and urban studies.

## Recommended Courses for Pre-Law Students

It is recommended that political science majors interested in law school elect the law-related courses offered by the department. These include, but are not limited to:
PS 3255 - U.S. Constitutional Law
, PS 3260 - Civil Rights and Civil Liberties
, PS 3115 - The Judicial Process
, PS 3265 - Gender Discrimination and the Supreme Court
and PS 3250 - Law and Politics
. For advice in planning for law school, contact the department's pre-law adviser, Julie Walters. The student should also consult the Pre-law Studies website, accessible through the department's webpage, as well as the associated section of this catalog.

## Advanced Seminars

From time to time, the department offers advanced seminars in which a topic or problem is studied in depth, and in which significant individual student research is presented for analysis.

Oakland University - Wayne State University Law School and University of Detroit Mercy Law School 3+3 Programs

The Department of Political Science participates in the Oakland University - Wayne State University Law School and the Oakland University - University of Detroit Mercy Law School 3+3 Programs, which allow students the opportunity to earn an undergraduate degree (BA or BS) and a law degree (JD) in a
minimum of 6 years. Students majoring in political science, international relations or public administration and public policy may participate.

A total of 30 credits from Wayne State University's Law School or University of Detroit Mercy's Law School will be counted toward the undergraduate degree for one of these majors. Students must complete the coursework as specified by the major, along with the university's general education requirements, and then can apply the 30 credits as elective credits toward the 124 required for the undergraduate degree. The 12-credit College of Arts and Sciences Exploratory Requirement is waived for those who participate.

Students interested in this opportunity should contact their academic adviser in the First Year Advising Center, the College of Arts and Sciences Advising Office or the Department of Political Science. Contact the department at (248) 370-2352 or via polisci@oakland.edu to find out the name of the pertinent faculty adviser in the Political Science Department.

Additional Information

Students are limited to 8 credits of independent study (PS 3996 or PS 4995) in any one semester. Applicants must seek departmental approval at the beginning of the semester prior to that of the internship. Public administration majors are required to complete 4 credits of PS 4950, but no more than 4 credits of PS 4955 may be counted toward the major in political science or international relations. Permission forms are available in 418 Varner Hall.

## Programs

- International Relations Minor
- International Relations, B.A.
- International Relations, B.A., Specialization in Foreign Affairs and Diplomacy
- International Relations, B.A., Specialization in Global Justice and Sustainability
- Political Science - Wayne State University and Detroit Mercy Law School 3+3 Programs
- Political Science Minor
- Political Science Secondary Teaching Minor
- Political Science, B.A.
- Political Science, B.A., Specialization in Campaigns and Elections
- Political Science, B.A., Specialization in Courts, Justice, and Politics
- Public Administration and Public Policy Minor
- Public Administration and Public Policy, B.S.
- Public Administration and Public Policy, B.S. to M.P.A.
- Urban Studies Concentration

International Relations Minor

Requirements for the liberal arts minor in international relations

The liberal arts minor in international relations requires 22-26 credits, plus one year of a single modern foreign language as a corequisite. This includes 12-14 credits of required core courses and 10-12 credits of elective courses. The electives must be taken in at least two different disciplines, one of which must be political science [students may take one political science course (4 credits) and two non-political science courses ( $6-8$ credits) or two political science courses ( 8 credits) and one non-political science course ( $3-4$ credits) to reach the 10-12 credit total]. Credit toward the minor will be allowed only for courses completed with a grade of $C$ or higher.
Core courses - 12-14 credits

PS 1600 - Issues in World Politics (4)
PS 3040 - International Politics: Theory and Practice (4)
ECN 2020 - Principles of Global Macroeconomics (4) or ECN 2100 - Principles of Economics (6)

Electives in political science - 4 credit minimum, 8 credit maximum

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PS 3940 - Special Topics in Comparative Politics and International Relations (1 TO 4)
PS 3615 - Comparative Foreign Policy (4)
PS 3610 - United States Foreign Policy (4)
PS 3710 - International Politics of Human Rights (4)
PS 3810 - Conducting Political Surveys (4)
PS 3435 - Chinese Politics and Foreign Policy (4)
PS 3420-European Political Systems (4)
PS 3550 - Politics of Development (4)
PS 3415 - Politics of the Middle East and North Africa (4)
PS 3410 - African Politics (4)
PS 3430 - Political Systems of Asia (4)
PS 3405 - Politics of Latin America (4)
PS 3565 - Dictatorships (4)
PS 3425 - The Russian Political System (4)
PS 3640 - International Political Economy (4)
PS 3560 - Revolution, Intervention, and Democratization (4)
PS 3730-Global Environmental Governance (4)
PS 3780 - International Terrorism: Causes, Consequences, Responses (4)
PS 3630 - International Organizations (4)
PS 3605 - Model United Nations (2 OR 4)
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(may be taken up to two times for a total of four credits toward the international relations minor)
PS 3555 - Global Democratization (4)
PS 3650 - Globalization and International Economic Institutions (4)

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PS 3660 - International Law (4)
PS 3715 - Gender and Int'I Relations (4)
PS 3750 - International Conflict and Security (4)
PS 3755 - International Negotiation and Bargaining (4)
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Electives in economics, history or philosophy - 3-4 credit minimum; 6-8 credit maximum

ECN 2010 - Principles of Microeconomics (4) or ECN 2100 - Principles of Economics
(6)

ECN 3260 - International Economic Development (3)
ECN 3730 - International Trade (3)
ECN 3740 - Economics of Intl Finance (3)
HST 2602 - Introduction to Latin American History since 1825 (4)
HST 3206 - Cold War America, 1945-1990 (4)
HST 3210 - History of American Foreign Relations in the Twentieth Century (4)
HST 3435 - Britain, 1911 to Present (4)
HST 3400 - Europe since 1914 (4)
HST 3480 - Germany since 1740 (4)
HST 3450 - Modern Italy: National Unification and the 20th Century (4)
HST 3405 - Nationalism in Modern Europe (4)
HST 3490 - History of Modern Russia (4)
HST 3510 - The Modern Middle East (4)
HST 3540 - The Arab-Israeli Conflict (4)
HST 3520 - The Cold War in the Middle East (4)
HST 3550 - Modern Iran and Iraq (4)
HST 3660 - History of Argentina, Brazil, and Chile (4)
HST 3820 - China since 1949 (4)
HST 3730 - Postcolonial Conflicts in African History (4)
HST 3720 - Modern African History Since 1800 (4)
HST 3740 - African Environmental History (4)
HST 3670 - Latin American Revolutions (4)
HST 3665 - Indigenous Movements in Latin America, 1492-Present (4)
HST 4250 - The U.S. and the War in Vietnam (4)
PHL 3610 - Philosophy of International Relations: Law, War and Peace (4)
PHL 3620 - Global Justice (4)

## Corequisite

Students must complete one year of a single modern foreign language or demonstrate equivalent competency at the first year level in a single modern foreign language.

Note

Students using this catalog to meet international relations minor requirements may also use any course subsequently approved as satisfying requirements in the electives categories and published in a later catalog.

## International Relations, B.A.

B.A. in International Relations with a Specialization in Foreign Affairs and Diplomacy

Requirements for the liberal arts major in international relations, B.A. program
The major requires a minimum of 46-50 credits, with a possible 62-66 depending upon a student's competency in foreign language. Credit toward the major will be allowed only for courses completed with a grade of C or higher.

## A. Core

PS 1600 - Issues in World Politics (4)
PS 1400 - Comparative Politics (4)
PS 3040 - International Politics: Theory and Practice (4)
PS 2500 - The Research Process in Political Science (4)
PS 2550 - Data Analysis in Political Science (4)
ECN 2020 - Principles of Global Macroeconomics (4) or ECN 2100 - Principles of Economics (6)

A capstone course selected from

PS 4980 - Seminar in International Relations (4)
PS 4975 - Seminar in the Comparative Study of Political Systems (4)
B. Electives in political science - 12 credits selected from

PS 3940 - Special Topics in Comparative Politics and International Relations (1 TO 4)
PS 3615 - Comparative Foreign Policy (4)
PS 3610 - United States Foreign Policy (4)
PS 3710 - International Politics of Human Rights (4)
PS 3810 - Conducting Political Surveys (4)
PS 3435 - Chinese Politics and Foreign Policy (4)
PS 3420 - European Political Systems (4)
PS 3550 - Politics of Development (4)
PS 3415 - Politics of the Middle East and North Africa (4)
PS 3410 - African Politics (4)
PS 3430 - Political Systems of Asia (4)
PS 3405 - Politics of Latin America (4)
PS 3565 - Dictatorships (4)
PS 3425 - The Russian Political System (4)

PS 3640 - International Political Economy (4)
PS 3560 - Revolution, Intervention, and Democratization (4)
PS 3730 - Global Environmental Governance (4)
PS 3780 - International Terrorism: Causes, Consequences, Responses (4)
PS 3630 - International Organizations (4)
PS 3605 - Model United Nations (2 OR 4) (may be taken up to two times for a total of four credits
toward the international relations major)
PS 3555 - Global Democratization (4)
PS 3715 - Gender and Int'I Relations (4)
PS 3750 - International Conflict and Security (4)
PS 3755 - International Negotiation and Bargaining (4)
PS 4955 - Political Science/International Relations Internship (4) (Applicants must seek departmental approval at the beginning of the semester prior to that of the internship.)

PS 3650-Globalization and International Economic Institutions (4)
C. Electives in economics, history, philosophy - 6-8 credits

ECN 2010 - Principles of Microeconomics (4)
ECN 3260 - International Economic Development (3)
ECN 3730 - International Trade (3)
ECN 3740 - Economics of Intl Finance (3)
HST 2602 - Introduction to Latin American History since 1825 (4)
HST 3206 - Cold War America, 1945-1990 (4)
HST 3210 - History of American Foreign Relations in the Twentieth Century (4)
HST 3435 - Britain, 1911 to Present (4)
HST 3400 - Europe since 1914 (4)
HST 3480 - Germany since 1740 (4)
HST 3450 - Modern Italy: National Unification and the 20th Century (4)
HST 3405 - Nationalism in Modern Europe (4)
HST 3490 - History of Modern Russia (4)
HST 3510 - The Modern Middle East (4)
HST 3540 - The Arab-Israeli Conflict (4)
HST 3520 - The Cold War in the Middle East (4)
HST 3550 - Modern Iran and Iraq (4)
HST 3660 - History of Argentina, Brazil, and Chile (4)
HST 3875 - Twentieth-Century Japan (4)
HST 3820 - China since 1949 (4)
HST 3730 - Postcolonial Conflicts in African History (4)
HST 3720 - Modern African History Since 1800 (4)
HST 3740 - African Environmental History (4)
HST 3670 - Latin American Revolutions (4)
HST 3665 - Indigenous Movements in Latin America, 1492-Present (4)

HST 4250 - The U.S. and the War in Vietnam (4)
PHL 3610 - Philosophy of International Relations: Law, War and Peace (4)
PHL 3620 - Global Justice (4)
D. Foreign language corequisite - 16 credits or equivalency

Students must complete two years of a single modern foreign language or demonstrate equivalent competency at the second year level in a single modern foreign language.

## Note

Students using this catalog to meet international relations major requirements may also use any course subsequently approved as satisfying requirements in the electives categories and published in a later catalog.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124 ; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## International Relations, B.A., Specialization in Foreign Affairs and Diplomacy

This specialization is designed for students interested in pursuing careers in foreign service/international affairs or graduate study in diplomacy and foreign policy. Students will study topics covering foreign policy decision-making, domestic and international determinants of foreign policy behavior, and crosscultural understanding and communication.

Requirements for the liberal arts major in international relations with a specialization in foreign affairs and diplomacy

The major requires a minumum of 47 credits, plus a foreign language corequisite of up to 16 credits. Credit toward the major will only be allowed for courses completed with a grade of $C$ or higher.

## 1. Core courses

ECN 2020 - Principles of Global Macroeconomics (4)
or ECN 2100 - Principles of Economics (4)
PS 1400 - Comparative Politics (4)

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PS 1600 - Issues in World Politics (4)
PS 2500 - The Research Process in Political Science (4)
PS 2550 - Data Analysis in Political Science (4)
PS 3040 - International Politics: Theory and Practice (4)
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Plus a capstone course selected from:

PS 4975 - Seminar in the Comparative Study of Political Systems (4)
PS 4980 - Seminar in International Relations (4)
2. Political science electives (choose three)

PS 3610 - United States Foreign Policy (4)
PS 3615 - Comparative Foreign Policy (4)
PS 3630 - International Organizations (4)
PS 3640 - International Political Economy (4)
PS 3755 - International Negotiation and Bargaining (4)
3. Economics, history, and philosophy electives (choose two)

ECN 3730 - International Trade (3)
HST 3206 - Cold War America, 1945-1990 (4)
HST 3210 - History of American Foreign Relations in the Twentieth Century (4)
PHL 3610 - Philosophy of International Relations: Law, War and Peace (4)

## 4. Foreign language corequisite

Students must complete two years of a single modern foreign language or demonstrate equivalent competency at the second year level in a single modern foreign language.
Note

Students using this catalog to meet international relations with a specialization in foreign affairs and diplomacy major requirements may also use any course subsequently approved as satisfying requirements in the political science and economics, history and philosophy electives categories and published in a later catalog.

## Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree in most cases 124 ; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## International Relations, B.A., Specialization in Global Justice and Sustainability

This specialization is designed for students interested in pursuing careers in the non-profit sector, nongovernmental organizations, or international organizations, or graduate study in this and related fields. Students will study topics covering the major challenges in global justice, including human rights, gender in international politics, democratization, the global environment, and underdevelopment. Requirements for the liberal arts major in international relations with a specialization in global justice and sustainability

The major requires a minimum of 47 credits, plus a foreign language corequisite of up to 16 credits. Credit toward the major will only be allowed for course completed with a grade of C or higher.

1. Core courses

PS 1400 - Comparative Politics (4)
PS 1600 - Issues in World Politics (4)
PS 2500 - The Research Process in Political Science (4)
PS 2550 - Data Analysis in Political Science (4)
PS 3040 - International Politics: Theory and Practice (4)
ECN 2020 - Principles of Global Macroeconomics (4) or ECN 2100 - Principles of Economics (6)

Plus a capstone course selected from:

PS 4975 - Seminar in the Comparative Study of Political Systems (4)
PS 4980 - Seminar in International Relations (4)
2. Political science electives (choose three)

PS 3550 - Politics of Development (4)
PS 3660 - International Law (4)
PS 3710 - International Politics of Human Rights (4)
PS 3715 - Gender and Int'I Relations (4)
PS 3730 - Global Environmental Governance (4)
3. Economics, history, and philosophy electives (choose two)

ECN 3260 - International Economic Development (3)
HST 3740 - African Environmental History (4)

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PHL 3610 - Philosophy of International Relations: Law, War and Peace (4)
PHL 3620 - Global Justice (4)
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4. Foreign language corequisite

Students must complete two years of a single modern foreign language or demonstrate equivalent competency at the second year level in a single modern foreign language.

## Note

Students using this catalog to meet international relations with a specialization in global justice and sustainability major requirements may also use any course subsequently approved as satisfying requirements in the political science and economics, history and philosophy electives categories and published in a later catalog.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124 ; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Political Science - Wayne State University and Detroit Mercy Law School 3+3 Programs

The Department of Political Science participates in the Oakland University - Wayne State University Law School and the Oakland University - University of Detroit Mercy 3+3 Programs, which allow students the opportunity to earn an undergraduate degree (B.A. or B.S.) and a law degree (J.D.) in a minimum of 6 years. Students majoring in political science, international relations, or public administration and public policy may participate.

A total of 30 credits from Wayne State University's Law School or University of Detroit Mercy's Law School will be counted toward the undergraduate degree for one of these majors. Students must complete the coursework as specified by the major, along with the university's General Education Requirements, and then can apply to the Wayne Law or UDM Law program. Once admitted and on the successful completion of the first year of law school, students can apply the 30 credits from Wayne Law or UDM Law as elective credits toward the 124 required for the undergraduate degree. The 12 -credit College of Arts and Sciences College Exploratory Requirement is waived for those who participate.

Students interested in this opportunity should contact their academic adviser in the First Year Advising Center, the College of Arts and Sciences Advising Office, or the Department of Political Science. (Students may contact the department at (248) 370-2352 or via polisci@oakland.edu to find out the name of their faculty adviser.)

## Political Science Minor

Requirements for liberal arts minor in political science

To earn a minor in political science, students must complete a minimum of 20 credits in political science, including one introductory core course (PS 1100, PS 1400, or PS 1600), and at least eight credits at the 3000-4000 level. Credit toward the minor will be allowed only for courses completed with a grade of $C$ or higher.
Note

Students majoring in public administration who wish to earn a minor in political science must complete a minimum of 16 additional credits in political science beyond those required for a major in public administration (see section B under the Political Science, B.A., for choices).

Students majoring in international relations who wish to earn a minor in political science must complete a minimum of 12 additional credits in American politics and/or political theory (see sections B. 1 and B. 3 under the Political Science, B.A., for choices).

## Political Science Secondary Teaching Minor

Requirements for the secondary teaching minor in political science

The secondary teaching minor in political science requires 24 credits in political courses, including

1. Required courses

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\text { PS } 1100 \text { - Introduction to American Politics (4) }
$$

And one of the following

PS 3105 - Congress and the Legislative Process (4)
PS 3110 - American Presidency (4)
PS 3115 - The Judicial Process (4)
2. One course from any four of the following six groupings:

State and local government

PS 3130 - Local Government and Politics (4)
PS 3135 - State Politics (4)
PS 3140 - Michigan Government Politics and Policy (4)

Political behavior

PS 3155 - Political Parties and Interest Groups (4)
PS 3165 - Elections and Voting Behavior (4)
PS 3230 - Public Opinion (4)
PS 3160 - Media and Politics (4)

Public administration and public policy

PS 3305 - Public Administration (4)
PS 3310 - American Public Policy (4)

International relations and comparative politics

PS 1600 - Issues in World Politics (4)
PS 1400 - Comparative Politics (4)

Political philosophy

PS 3020 - American Political Thought (4)
PS 3005 - Western Political Thought I (4)
PS 3010 - Western Political Thought II (4)
PS 3070 - Politics Through Literature (4)

Cross-cultural perspectives

PS 3205 - American Political Culture (4)
PS 3210 - Women and Politics (4)
PS 3220 - Religion and Politics (4)
3. Required methods course

SED 4100 - ST: Teaching Secondary in the Minor Methods (4)

Additional information

Generally, application to OU STEP requires a minimum cumulative grade point average of 3.0 in courses in the major and the minor. To progress into the internship year, students admitted to the OU STEP must maintain a minimum GPA of 3.00 in both their major and minor coursework, with no single course grade below C .

Second undergraduate degree candidates completing the minor may be required to take additional courses at Oakland University beyond the stated minimums.

Please note: STEP minors in political science who have transferred a 3-credit American Government course must complete either PS 3105 - Congress and the Legislative Process or PS 3210 - Women and Politics. Either of these courses also can serve to meet part of the 24 credits of requirements noted above. Students must consult with the secondary education minor adviser in the department.

## Political Science, B.A.

Requirements for the liberal arts major in political science, B.A. program

The major requires a minimum of 44 credits in political science as outlined below. Credit toward the major will only be allowed for courses completed with a grade of C or higher.
A. Core courses

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PS 1100- Introduction to American Politics (4)
PS 1600 - Issues in World Politics (4) or PS 1400 - Comparative Politics
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(4)

PS 2500 - The Research Process in Political Science (4)
PS 2550 - Data Analysis in Political Science (4)

One capstone course selected from

PS 4970 - Seminar in American Politics (4)
PS 4975 - Seminar in the Comparative Study of Political Systems (4)
PS 4980 - Seminar in International Relations (4)
B. At least one course selected from each of the three fields of political science, chosen from the following

1. American politics

PS 3105 - Congress and the Legislative Process (4)
PS 3110 - American Presidency (4)
PS 3115 - The Judicial Process (4)
PS 3130 - Local Government and Politics (4)
PS 3135 - State Politics (4)
PS 3140 - Michigan Government Politics and Policy (4)
PS 3155 - Political Parties and Interest Groups (4)
PS 3160 - Media and Politics (4)
PS 3165 - Elections and Voting Behavior (4)
PS 3170 - Political Campaigns (4)
PS 3205 - American Political Culture (4)

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    PS 3210 - Women and Politics (4)
    PS 3215 - The Politics of Race and Ethnicity (4)
    PS 3220 - Religion and Politics (4)
    PS 3225 - Political Leadership (4)
    PS 3230 - Public Opinion (4)
    PS 3235 - Politics and the Internet (4)
    PS 3240 - Politics Through Film (4)
    PS 3250 - Law and Politics (4)
    PS 3255 - U.S. Constitutional Law (4)
    PS 3260 - Civil Rights and Civil Liberties (4)
    PS 3265 - Gender Discrimination and the Supreme Court (4)
    PS 3305 - Public Administration (4)
    PS 3310 - American Public Policy (4)
    PS 3340 - Public Policy and Health Care (4)
    PS 3810 - Conducting Political Surveys (4) (may satisfy the American politics field requirement or the
comparative and international politics field requirement, but not both)
    PS 3850 - Geographic Information System Analysis for Sustainability (4)
    PS 3930 - Special Topics in American Politics (2 OR 4)
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2. Comparative and international politics
PS 3040 - International Politics: Theory and Practice (4) (may satisfy the comparative and international
politics field requirement or the political theory and political thought field requirement, but not both)
PS 3405 - Politics of Latin America (4)
PS 3410 - African Politics (4)
PS 3415 - Politics of the Middle East and North Africa (4)
PS 3420 - European Political Systems (4)
PS 3425 - The Russian Political System (4)
PS 3430 - Political Systems of Asia (4)
PS 3435 - Chinese Politics and Foreign Policy (4)
PS 3550 - Politics of Development (4)
PS 3555 - Global Democratization (4)
PS 3560 - Revolution, Intervention, and Democratization (4)
PS 3565 - Dictatorships (4)
PS 3605 - Model United Nations (2 OR 4) (may be taken up to two times for a total of four credits
toward the political science major)
PS 3610 - United States Foreign Policy (4)
PS 3615 - Comparative Foreign Policy (4)
PS 3630 - International Organizations (4)
PS 3640 - International Political Economy (4)
PS 3650 - Globalization and International Economic Institutions (4)
PS 3660 - International Law (4)

PS 3710 - International Politics of Human Rights (4)
PS 3715 - Gender and Int'I Relations (4)
PS 3730 - Global Environmental Governance (4)
PS 3750 - International Conflict and Security (4)
PS 3755 - International Negotiation and Bargaining (4)
PS 3780 - International Terrorism: Causes, Consequences, Responses (4)
PS 3810 - Conducting Political Surveys (4) (may satisfy the American politics field requirement or the comparative and international politics field requirement, but not both)

PS 3940 - Special Topics in Comparative Politics and International Relations (1 TO 4)
3. Political theory and political thought

PS 3005 - Western Political Thought I (4)
PS 3010 - Western Political Thought II (4)
PS 3020 - American Political Thought (4)
PS 3040 - International Politics: Theory and Practice (4) (may satisfy the comparative and international politics field requirement or the political theory field requirement, but not both)

PS 3050 - Communism (4)
PS 3070 - Politics Through Literature (4)
PS 3080 - Systematic Political Analysis (4)
C. The remaining credits are elective courses with the following restrictions

Only 4 credits of PS 3605 - Model United Nations (2) will be accepted toward the major.
No more than a total of 12 credits of PS 3996, PS 4955 and PS 4995 will be accepted toward the major.
No more than 4 credits of PS 4955 may be counted toward the major in political science. Applicants must seek departmental approval at the beginning of the semester prior to that of the internship by contacting Professor Julie Walters.

## Note

Students using this catalog to meet political science major requirements may also use any course subsequently approved as satisfying requirements in the American politics, comparative and international politics, and political theory and political thought categories and published in a later catalog.

Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts \& Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124 ; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Political Science, B.A., Specialization in Campaigns and Elections

This specialization is designed for students interested in pursuing careers or graduate study in practical politics, including campaign management, lobbying, issue advocacy, and related fields. Students will study topics covering voter behavior, electoral systems, political campaigns, and the role of the media. Requirements for the liberal arts major in political science with a specialization in campaigns and elections

The major requires a minimum of 44 credits in political science as outlined below. Credit toward the major will only be allowed for courses completed with a grade of C or higher.
A. Core courses

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PS 1100 - Introduction to American Politics (4)
PS 1600 - Issues in World Politics (4) or PS 1400 - Comparative Politics (4)
PS 2500 - The Research Process in Political Science (4)
PS 2550 - Data Analysis in Political Science (4)
PS 4970 - Seminar in American Politics (4)
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B. Campaigns and elections specialization required courses

PS 3165 - Elections and Voting Behavior (4)
PS 3170 - Political Campaigns (4)
PS 3230 - Public Opinion (4)
C. Campaigns and elections specialization electives (choose two)

PS 3080 - Systematic Political Analysis (4)
PS 3105 - Congress and the Legislative Process (4)
PS 3155 - Political Parties and Interest Groups (4)
PS 3160 - Media and Politics (4)
PS 3235 - Politics and the Internet (4)
PS 3810 - Conducting Political Surveys (4)
D. One course ( 4 credits) from the comparative and international politics field

See the list of comparative and international politics courses - category \#2 under the three fields of political science.
E. One course (4 credits) from the political theory and political thought field if must if PS 3080 not elected from the specialization elective list above

See the list of political theory and political thought courses - category \#3 under the three fields of political science.

Note

Students using this catalog to meet political science with a specialization in campaigns and elections major requirements may also use any course subsequently approved as satisfying requirements in the electives categories and published in a later catalog.

## Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Political Science, B.A., Specialization in Courts, Justice, and Politics

This specialization is designed for students interested in pursuing a career or graduate study in law, rights advocacy, lobbying, and related fields. Students will study topics covering various aspects of law, including the lawmaking process, the judicial process, constitutional law, civil rights, and civil liberties. Requirements for the liberal arts major in political science with a specialization in courts, justice, and politics

The major requires a minimum of 44 credits in political science as outlined below. Credit toward the major will only be allowed for courses completed with a grade of C or higher.
A. Core courses

PS 1100 - Introduction to American Politics (4)
PS 1600 - Issues in World Politics (4) or PS 1400 - Comparative Politics (4)
PS 2500 - The Research Process in Political Science (4)
PS 2550 - Data Analysis in Political Science (4)
PS 4970 - Seminar in American Politics (4)
B. Specialization required courses

PS 3020 - American Political Thought (4) or PS 3005 - Western Political Thought I (4) or PS 3010 Western Political Thought II (4)

PS 3250 - Law and Politics (4)
C. Specialization electives (choose three)

PS 3105 - Congress and the Legislative Process (4)
PS 3115 - The Judicial Process (4)
PS 3255 - U.S. Constitutional Law (4)
PS 3260 - Civil Rights and Civil Liberties (4)
PS 3265 - Gender Discrimination and the Supreme Court (4)
PS 3660 - International Law (4)
D. One additional course ( 4 credits) in political science (PS)
E. One course selected from the comparative and international politics field if PS 3660 not elected from the specialization elective list above

See the list of comparative and international politics courses - category \#2 under the three fields of political science.

Note

Students using this catalog to meet political science with a specialization in courts, justice, and politics major requirements may also use any course subsequently approved as satisfying requirements in the electives categories and published in a later catalog.

## Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Public Administration and Public Policy Minor

Requirements for the liberal arts minor in public administration and public policy

To earn a liberal arts minor in public administration and public policy, students must complete a minimum of 20 credits. Credit toward the minor will be allowed only for courses completed with a grade of a C or higher.
Required courses

PS 3305 - Public Administration (4)
PS 3310 - American Public Policy (4)
PS 3320 - Public Budgeting (4)
PS 3325 - Public Sector Human Resource Management (4)

One additional course, selected from

PS 3110 - American Presidency (4)
PS 3105 - Congress and the Legislative Process (4)
PS 3130 - Local Government and Politics (4)
PS 3135 - State Politics (4)
PS 3115 - The Judicial Process (4)
PS 3250 - Law and Politics (4)
PS 3315 - Public Administration Financial Analysis (4)

## Note

Students using this catalog to meet public administration and public policy minor requirements may also use any course subsequently approved as satisfying the elective course option and published in a later catalog.

## Public Administration and Public Policy, B.S.

Requirements for the liberal arts major in public administration and public policy, B.S. program

Students must complete a minimum of 46 credits for the major. Credit toward the major will be allowed only for courses and corequisites completed with a grade of a C or higher.
A. Core courses

PS 1100 - Introduction to American Politics (4)
PS 1600 - Issues in World Politics (4) or PS 1400 - Comparative Politics
(4)

PS 2500 - The Research Process in Political Science (4)
PS 2550 - Data Analysis in Political Science (4)
B. Sequence of departmental courses

PS 2800 - Public Affairs Careers Orientation (2)

PS 3305 - Public Administration (4)
PS 3315 - Public Administration Financial Analysis (4)
PS 3310 - American Public Policy (4)
PS 4030 - Government and the Economy (4)
PS 3320 - Public Budgeting (4)
PS 3325 - Public Sector Human Resource Management (4)
PS 4950 - Public Administration Internship (4) Enrollment in this capstone course must be preceded by consultation with the internship director. In those cases where the internship requirement is waived, the student must elect an alternative 4-credit capstone course, subject to approval of the department.

## Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124 ; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Public Administration and Public Policy, B.S. to M.P.A.

Accelerated Public Administration and Public Policy Bachelor of Science to Master of Public Administration Program (B.S. to M.P.A)

The Accelerated Public Administration and Public Policy, B.S. to M.P.A. option is designed for high achieving undergraduate students pursuing a bachelor's in public administration at Oakland University and wishing to complete a Master of Public Administration degree directly following. The accelerated B.S. to M.P.A. allows students to take three graduate level courses, PA 5100, PA 5200 and PA 5300, while still an undergraduate and pay undergraduate tuition rates. Within the B.S. requirements, PA 5100 replaces PS 3305. PA 5200 replaces PS 3320, and PA 5300 replaces PS 3325.

To be eligible for the Public Administration and Public Policy, B.S. to M.P.A. option, students must:

1. Have earned a minimum cumulative grade point average of 3.2 or higher and completed at least six classes of the undergraduate program major courses.
2. Apply for and receive delayed admission into the MPA program thereby allowing the substitution of graduate classes PA 5100, PA 5200, PA 5300 in place of three undergraduate classes, PS 3305, PS 3320, PS 3325. Note: Students must receive formal delayed admission into the program to be eligible to register for PA 5100, PA 5200, and PA 5300.
3. Maintain a minimum 3.0 cumulative grade point average to completion of the B.S. degree in Public Administration and Public Policy and gain formal admission into the M.P.A. program.

Students admitted to this accelerated program can graduate with an M.P.A. degree in five years. Students wishing to acquire a specialized concentration may need extra semesters to complete the concentration.

To apply to the B.S. to M.P.A. program, contact Suzanne Rossi, M.P.A. coordinator at (248) 370-4117 or ssrossi@oakland.edu.
Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirement, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124 ; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Courses

PS 1100 - Introduction to American Politics (4)
The decision-making process in the American national government and the ways in which parties, groups, and individuals work to produce public policy in Congress, the presidency and the courts. Satisfies the university general education requirement in the social science knowledge exploration area. Satisfies the university general education requirement in U.S. diversity.

PS 1400 - Comparative Politics (4)
Introduction to major modern political systems and concepts. Comparative analysis of the organization and operation of politics and government in different countries. Satisfies the university general education requirement in the social science knowledge exploration or in the global perspective knowledge area, not both. Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive: completion of the university writing foundation requirement.

## PS 1600 - Issues in World Politics (4)

Introduction to the study of world politics and the main issues confronting the international community in the 21st century. Emphasis on the impact of cultural, economic, and political globalization on international politics and individual lives. Satisfies the university general education requirement in the social sciences knowledge exploration area or in the global perspective knowledge exploration area, not both.

Fundamentals of research in political science including various approaches to studying political phenomena.
Prerequisite(s): PS 1100, PS 1600 or PS 1400

PS 2550 - Data Analysis in Political Science (4)
Basic applications of statistics in political science including why and how certain methods are used to explore political phenomena.
Prerequisite(s): PS 2500

## PS 2800 - Public Affairs Careers Orientation (2)

Planning for public service careers; the varieties of public service careers and the alternative of pursuing advanced degrees are explored. Examples and practical problems from agency work are examined through case studies and presentations by practitioners and professional administrators.

## PS 3005 - Western Political Thought I (4)

Analyzes the writings of Western political theorists from 600 B.C. to 1500 A.D.; systematically examines the political, legal, economic, social, cultural and religious elements that influenced the ideas and policies postulated; and scrutinizes the assumptions behind deeply rooted modes of thought that continue to affect people's lives. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.

## PS 3010 - Western Political Thought II (4)

Analyzes the writings of Western political theorists from 1500 A.D. to the present; systematically examines the political, legal, economic, social, cultural and religious elements that influenced the ideas and policies postulated; and criticism. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.

## PS 3020 - American Political Thought (4)

Survey of the writings of American thinkers who influenced the development of the American polity. Examines the political, legal and cultural origins of this country. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.

PS 3040 - International Politics: Theory and Practice (4)
Examination of the central theoretical and conceptual approaches to the study of international politics, and a focused exploration of how those contending approaches account for specific international phenomena such as war and peace, economic interaction, and the emergence of international organizations and global governance. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university
writing foundation requirement.
Prerequisite(s): PS 1600

PS 3050 - Communism (4)
The development of revolutionary socialism from early Marxism to the present. The course analyzes the relevance of Marxism to a variety of contemporary revolutionary situations. Satisfies the university general education requirement in the western civilization knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.

PS 3070 - Politics Through Literature (4)
Use of literary works (novels, short stories, plays, essays) to examine a range of social and political systems in specific settings. Analysis of how political and cultural backgrounds of various authors have been conveyed in their writings. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.

PS 3080 - Systematic Political Analysis (4)
Study of selected formal (i.e., logical and mathematical) models in political science. An introduction to the methodology of social science research. Satisfies the university general education requirement in the formal reasoning knowledge foundation area.

PS 3105 - Congress and the Legislative Process (4)
Examination of the United States Congress with particular attention to the creation of the institution, running for Congress, behavior of members of Congress, and the pressures faced by our elected representatives.

## PS 3110 - American Presidency (4)

A study of presidential politics, decision making and leadership in the American political system.

## PS 3115 - The Judicial Process (4)

Study of judicial behavior and decision making in federal courts with an emphasis on the role of courts in developing public policies.

PS 3130 - Local Government and Politics (4)
Study of local governments; political, economic and demographic forces; trends in metropolitan and suburban politics; and problems of planning in an age of urbanization and suburbanization.

PS 3135 - State Politics (4)
Comparative analysis of the variations and similarities of the political systems of the 50 states, the policy-making structures, political participation and contemporary public policy issues.

PS 3140 - Michigan Government Politics and Policy (4)
Michigan's state governmental institutions, its constitution and intergovernmental relations (both federal and local levels), political actors and processes, and selected public policies.

PS 3155 - Political Parties and Interest Groups (4)
Study of political parties and interest groups in democracies, focusing on the U.S. experience.
Examination of parties and groups as political linkages, and their role in aggregating interests. Not open to students who have received credit for PS 4970, Political Parties Interest Groups.

## PS 3160 - Media and Politics (4)

The role of the media in influencing political attitudes and agendas, media coverage of issues and campaigns, media and the law, the nature of the media industry, and governmental regulation of broadcast media.

PS 3165 - Elections and Voting Behavior (4)
Study of electoral systems and the voting behavior of individuals and groups, with special attention to U.S political experience. Not open to students who have received credit for PS 3165, Political Parties and Elections.

## PS 3170 - Political Campaigns (4)

A study of political campaigns, with classroom exercises and the opportunity for fieldwork on current political campaigns. The role and influence of the media on campaigns.

PS 3205 - American Political Culture (4)
A study of the main themes in American culture and the ways in which they affect the political beliefs, attitudes, opinions and behaviors of Americans. Key themes include individualism, the drive for success, racial attitudes, the American sense of a special mission in the world and American beliefs about democracy.

PS 3210 - Women and Politics (4)
Examines the role of women in politics including political participation and representation. Additional topics will include women and public issues (such as affirmative action and comparable worth), as well as an introduction to feminist political thought. Identical with WGS 3870.

## PS 3215 - The Politics of Race and Ethnicity (4)

A study of racial and ethnic groups and their role in the political process in the U.S. Emphasis will be placed on the political experience and the struggle for equal rights by major minority groups such as Blacks, Hispanics and Native Americans. Satisfies the general education requirement in the social science knowledge exploration area. Satisfies the university general education requirement in U.S. diversity. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of university writing foundation requirement.

PS 3220 - Religion and Politics (4)
Study of the intersection of religion and American politics, with emphasis on religion's role in the nation's founding, political participation, the institutions of national government, and current public policy debates.

PS 3225 - Political Leadership (4)
Study of the theory and practice of political leadership, including its origins, ancient and modern conceptions, the causes of successful and failed leadership, the role of followers, and the possibility of politics without leadership. Detailed case studies of prominent leaders in American politics will be examined.

PS 3230 - Public Opinion (4)
Study of the opinions, attitudes, and political activities of people belonging to different demographic segments of the population. Not open to students who have received credit for PS 3230, Demography of American Politics.

PS 3235 - Politics and the Internet (4)
Analyzes the role and impact of the Internet in the political world including e-government, political ideas, the political blogosphere, the "digital divide," and net neutrality.

PS 3240 - Politics Through Film (4)
Analyzes political ideas, concepts, theories, public policy, political behavior and visions of politics and society as presented in film.

PS 3250 - Law and Politics (4)
Broad survey of law and legal systems in the U.S. that presents law as a dynamic, multifaceted discipline. Emphasis is placed on the open-ended quality of law and legal knowledge, despite the definitive nature of legal authority. A problem-solving approach is adopted to provoke critical discussion.

## PS 3255 - U.S. Constitutional Law (4)

Broad survey of U.S. constitutional law as interpreted by the U.S. Supreme Court, with focus on analyzing original court opinions regarding the powers of the federal government and the interaction between federal and state governments; examines political factors that have shaped our understanding of the Constitution.

PS 3260 - Civil Rights and Civil Liberties (4)
Broad survey of legal rights and liberties of individuals in the U.S., as interpreted by the U.S. Supreme Court, with focus on analyzing original court opinions regarding constitutional and political conflicts arising between individuals and the government; political factors that have influenced major judicial decisions are examined.

PS 3265 - Gender Discrimination and the Supreme Court (4)

Examines Supreme Court cases throughout history involving gender discrimination. Students will read and discuss case excerpts on issues such as protective legislation, sex discrimination, pregnancy and childbirth, sexual harassment and reproductive rights. Students will also examine the lives and legacies of women justices. Identical with WGS 3817.

PS 3305 - Public Administration (4)
Study of government in action, with special attention to policy formulation, organization, personnel administration, supervision, coordination, administrative control and accountability. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.

## Prerequisite(s): PS 1100

## PS 3310 - American Public Policy (4)

Examines the factors and actors involved in the development and implementation of public policy. Topics may include environment, education, economic development, defense, health care, welfare policy and ethical analysis of policy. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.

PS 3315 - Public Administration Financial Analysis (4)
Study of accounting and reporting concepts, standards and procedures applicable to city, county, state, and federal governments and non-profit institutions.

PS 3320 - Public Budgeting (4)
Politics and process of budgeting in public organizations, especially as they relate to the control of policy. Specific techniques are discussed for developing, approving, administering and auditing budgets.

## PS 3325 - Public Sector Human Resource Management (4)

Study of the procedures, techniques and problems of personnel administration in public agencies; evolution of the modern civil service system, merit principle, and responses to collective bargaining and equal opportunity programs.

PS 3340 - Public Policy and Health Care (4)
Examination of the status and evolution of public policies relating to health and health care, the policymaking processes in health care and the various implications of trends in health care policy.

## PS 3345 - Comparative Public Administration (4)

Comprehensive exploration of the political and policy-making roles of public bureaucracies around the world stressing the effects of politics and organized interests on bureaucracy.

PS 3405 - Politics of Latin America (4)

Analysis of Latin American political systems and the historical, social and economic factors underlying them. The major countries are studied intensively, and a comparative approach is used to examine the variations from democracy to dictatorship and the political instability that characterizes the area.

PS 3410 - African Politics (4)
Examination of politics within nations in Africa. Emphasis placed on the evolution of political institutions since independence, along with contemporary challenges of democratization and development. A comparative point of view is emphasized.

PS 3415 - Politics of the Middle East and North Africa (4)
The cultural and historical factors that influence contemporary politics of the area will be emphasized. Topics include religion, social structures, economic problems, the impact of the West and the ArabIsraeli conflict.

## PS 3420 - European Political Systems (4)

An analysis of politics within and between nations in Europe. Selected institutions and processes are examined in detail. A comparative point of view is emphasized.

## PS 3425 - The Russian Political System (4)

A descriptive analysis of the Russian society as a political system: its origins, institutions and political behavior. Trends and developments in the system will be assessed, and comparisons with other political systems will be undertaken. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.

PS 3430 - Political Systems of Asia (4)
Elements of political life in China, Japan, India, and other Asian countries. Cultural, historical, social, and economic factors that influence and are influenced by contemporary political institutions Processes by which political conflicts are resolved.

PS 3435 - Chinese Politics and Foreign Policy (4)
Examination of the political system and policies of contemporary China, covering the rise of communism in China, reforms to the communist system, political institutions, political culture, and foreign policy.

PS 3550 - Politics of Development (4)
Examination of the issues that relate to social, political and economic development in countries undergoing dramatic social change.

PS 3555 - Global Democratization (4)
Examination of movement toward democratic forms of government in various parts of the world and of those factors that promote or inhibit democracy.

PS 3560 - Revolution, Intervention, and Democratization (4)
Examination of revolution and counterrevolution as products of U.S. efforts to fashion and preserve a liberal international order involving systematic interference in the affairs of sovereign countries. Focus is on the motivations, methods, and consequences of official and sponsored intervention on a global scale. "Democracy promotion" is afforded special consideration.

PS 3565 - Dictatorships (4)
Contemporary dictatorships, why they emerge, how they function, and the various strategies that may lead to their collapse.

PS 3605 - Model United Nations (2 OR 4)
Examination of the United Nations (UN) system and issues currently confronting UN bodies. Includes participation in regional or national Model UN conference. May be repeated once for PS or IR credit and up to two additional times for elective credit toward the degree.
Prerequisite(s): permission of department.

## PS 3610 - United States Foreign Policy (4)

Examination of American foreign policy process, focusing on the impact of domestic societal, political and bureaucratic determinants of foreign policy and the constraints imposed by the international system. Main instruments of foreign policy, for instance, diplomacy, military power, economic statecraft, overt action, are considered and evaluated.

## PS 3615 - Comparative Foreign Policy (4)

An examination of the major theoretical debates in the field of foreign policy analysis, with a focus on the relative impact of domestic and international factors on the decision-making process and the behavior of states. Theoretical matters will be explored in the comparative analysis of the foreign policy of global and regional powers in the international system.

PS 3630 - International Organizations (4)
Examination of major international organizations such as the United Nations, the World Trade Organization, the European Union, and regional organizations. Explanation of how these organizations fit into international relations theory and how they affect world politics today.

PS 3640 - International Political Economy (4)
Examination of the relationship between political and economic structure, organization, and events, including issues such as the politics of trade and investment, regional integration, behavior of multinational corporations, and economic development.

PS 3650 - Globalization and International Economic Institutions (4)
Broad survey of contemporary political debates on globalization, including trade and jobs, investment and labor rights, poverty, inequality and economic development, and pro- and anti-globalization movement. Special attention will be given to how governments and international organizations, such as
the International Monetary Fund, the World Bank, the World Trade organization and their regional counterparts, operate.

PS 3660 - International Law (4)
Explores the sources, foundations, and principles of public and other forms of international law. Emphasis on institutions and processes of international dispute resolution, issues of jurisdiction, state sovereignty, and responsibility, and distinctive bodies of international law concerning human rights, individual criminal acts, preservation and protection of the environment, and the use of military force.

## PS 3710 - International Politics of Human Rights (4)

Development of international human rights norms, the central debates and controversies: their application and enforcement in international politics. Focus on the evolution of the definition of human rights and its affect on the emerging international human rights regime.

PS 3715 - Gender and Int'I Relations (4)
Examination of major gender critiques of mainstream IR theory and the ways in which gender analysis expands both theory and practical political analysis at the international and global levels. Identical with WGS 3823.

## PS 3720 - The Politics of Migration (4)

The political consequences of migration. Similarities and differences of migration dynamics around the world are explored, as are different theoretical understandings of the causes of migration, the sources of inter-group conflict and how policies can help ameliorate or exacerbate such conflict. Special attention will be paid to the relationship between migration and democracy through scholarly articles drawn from political science research.

PS 3730-Global Environmental Governance (4)
Overview of inter-related environmental and resource issues at the regional and global levels. Current institutions, laws and policies for addressing issues including global warming, climate change, biodiversity/species decline, trade/environment linkages, water resources, depletion of global fisheries and rainforests. Identical with ENV 3540. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the university general education requirement in the social science knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.

## PS 3750 - International Conflict and Security (4)

Examination of the conditions that make for war and peace in world politics, and of the range of possible approaches that might help to manage or prevent conflict in the future. Factors contributing to conflict within and between states are considered.

PS 3755 - International Negotiation and Bargaining (4)
Negotiation theories and practice, focusing on understanding differing approaches to negotiation and explaining bargaining outcomes. Emphasis on hands-on learning through simulation, role-playing exercises, and case analysis.

PS 3780 - International Terrorism: Causes, Consequences, Responses (4)
Exploration of terrorist motivation and ideology, methods, and the effectiveness of international and state-level responses to terrorist challengers.

PS 3810 - Conducting Political Surveys (4)
Overview of the history and approaches to survey research. Students will gain experience in planning and implementing survey projects and interpreting responses.

PS 3850-Geographic Information System Analysis for Sustainability (4) Examines environmental sustainability through GIS (Geographic Information System) mapping and analysis. Sustainability topics are covered through computer lab exercises and policy case studies. Prepares students to conduct GIS analysis and evaluate the sustainability implications of public policies. Identical with ENV 4520.

## PS 3930 - Special Topics in American Politics (2 OR 4)

From time to time, the department offers courses on special topics in response to current issues in various subfields of the discipline.

PS 3940 - Special Topics in Comparative Politics and International Relations (1 TO 4)
From time to time the department offers courses on special topics in response to current issues in various subfields of the discipline. May be repeated under different subtitle.

PS 3996 - Independent Study (2 OR 4)
Readings not normally covered in existing course offerings. Directed on an individual basis.
Prerequisite(s): permission of department and instructor.

PS 4030 - Government and the Economy (4)
Role of government in the economy, including an examination of federal, local, and international fiscal and monetary policies.

PS 4950 - Public Administration Internship (4)
Supervised student internship with governmental, political, criminal justice or other public agency. Reports and analyses of work performed at agency required. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): PS 2800 and PS 3305, junior standing and permission of instructor.

PS 4955 - Political Science/International Relations Internship (4)

Supervised student internship with governmental, political, criminal justice, or other public agency. Reports and analyses of work performed at agency required. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): permission of internship director.

PS 4970 - Seminar in American Politics (4)
Advanced seminar in a special topic related to American politics. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): PS 1100 and PS 2550 and permission of major adviser.

PS 4975 - Seminar in the Comparative Study of Political Systems (4)
Advanced seminar in a special topic related to comparative politics. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): PS 1400 and PS 2550 and permission of major adviser.

## PS 4980 - Seminar in International Relations (4)

Advanced seminar in a special topic related to international relations. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): PS 1600, PS 2550 and PS 3040 and permission of major adviser.

PS 4995 - Special Topics or Directed Research (2 TO 8)
Prerequisite(s): permission of the instructor.

PS 4997 - College Teaching Apprenticeship (4)
Affords the opportunity for qualified students to deepen their understanding of selected topics in political science and ways of teaching politics by assisting an instructor in teaching a 1000 level political science course and writing a critique of this experience. May be taken only once for credit.
Prerequisite(s): permission of instructor and department chair.

## Department of Psychology

## 111 PRYALE

(248) 370-2300

Fax: (248) 370-4612

## Chairperson: Todd K. Shackelford

Professors emeriti: Jean S. Braun, Daniel N. Braunstein, Harvey Burdick, Christine Hansen, Algea
Harrison, Theodore Landau, Ralph Schillace, David W. Shantz

Distinguished professor: Todd K. Shackelford<br>Professors: Kevin Corcoran, Dean G. Purcell, Robert B. Stewart, Jr., Jennifer Vonk, Virgil Zeigler-Hill<br>Associate professors: Martha Escobar, Andrea T. Kozak, Mary B. Lewis, Debra McGinnis, Michele Parkhill Purdie, Lakshmi Raman, Cynthia Sifonis, Kanako Taku, Lisa Welling, Keith L. Williams<br>Assistant professors: Melissa McDonald, Matthew McLarnon<br>Chief adviser: Rebecca Malatesta

The Department of Psychology offers undergraduate programs leading to the Bachelor of Arts degree. The psychology curriculum is structured to meet the needs of four types of students interested in majoring in psychology: students who plan to find employment after obtaining the bachelor's degree, students who plan to go to graduate school in psychology, students who plan to enter a field other than psychology that requires further formal training and students who have a general interest in psychology. A pamphlet, "Majoring in Psychology at Oakland University," is available in the department office. Students planning to major in psychology should obtain a copy of this pamphlet, which offers suggested programs of study.

Coursework more than 10 years old is not automatically accepted for credit toward the major. The department reserves the right to review such courses before accepting them for credit toward the major. An examination may be required to demonstrate proficiency in the areas covered by such courses.

## Departmental Honors

Departmental honors in psychology are based on the following criteria:

- Overall grade point average of 3.2 or above and 3.5 or above in psychology courses
- Completion of PSY 2500 and PSY 2510 and at least two 3000-level courses with a grade of B+ or above in each class
- Completion of PSY 4510 with a grade of B+ or above
- Completion of PSY 4998 and PSY 4999, Honors Thesis

The Application for Departmental Honors in Psychology form must be filed to be considered for honors.

Further information is available on the departmental website or from the department chair, chief adviser, or director of Undergraduate Studies.

## Programs

- Psychology - Wayne State University and Detroit Mercy Law School 3+3 Programs
- Psychology Bachelor of Arts to Psychology Master of Science Program, B.A. to M.S.
- Psychology Minor
- Psychology, B.A.


## Psychology - Wayne State University and Detroit Mercy Law School 3+3 Programs

The Department of Psychology participates in the Oakland University - Wayne State University Law School 3+3 Program and the Oakland University - University of Detroit Mercy 3+3 programs, which allow students the opportunity to earn an undergraduate degree (B.A. or B.S.) and a law degree (J.D.) in a minimum of 6 years.

Up to 30 credits from Wayne State University's Law School or University of Detroit Mercy's Law School will be counted toward the undergraduate degree for one of these majors. Students must complete the coursework as specified by the major, along with the university's General Education Requirements, and then can apply to the Wayne Law or UDM Law program once admitted. On the successful completion of the first year of law school, students can apply the 30 credits from Wayne Law or UMD Law as elective credits toward the 124 required for the undergraduate degree. The 12-credit College of Arts and Sciences exploratory requirement is waived for those who participate.

Students interested in this opportunity should contact their academic adviser in the First Year Advising Center, the College of Arts and Sciences Advising Office, or the Department of Psychology faculty adviser.

## Psychology Bachelor of Arts to Psychology Master of Science Program, B.A. to M.S.

The Accelerated Psychology Bachelor of Arts to Psychology Master of Science Program (B.A. to M.S.) option is designed for high achieving undergraduate students pursuing a Bachelor of Arts in Psychology at Oakland University and wishing to complete a Master of Science in Psychology directly following. The accelerated B.A. to M.S. program allows students to take two graduate level courses, PSY 5001 and PSY 5101, while still an undergraduate and pay undergraduate tuition rates. PSY 5001 and PSY 5101 will substitute for the two open elective courses (requirement \#4) within the Psychology, B.A. To be eligible for the Psychology, B.A. to M.S. option, students must:

- Have earned a minimum cumulative grade point average of 3.0 or higher in PSY 1000 Introduction to Psychology, PSY 2500 Research Design in Psychology, and PSY 2510 Statistics in Psychology.
- Have an overall GPA of 3.2.
- Apply for and receive delayed admission into the M.S. program and thereby the substitution of graduate classes PSY 5001 and PSY 5101 for the two undergraduate open elective courses in the B.A. Note: Students must receive formal delayed admission into the program to be eligible to register for PSY 5001 and PSY 5101.
- Maintain a minimum 3.0 cumulative grade point average to completion of the B.A. degree in Psychology.

Students admitted to this accelerated program can graduate with an M.S. degree in five years.

To apply:

To apply to the Psychology B.A. to M.S. program, contact Dr. Rebecca Malatesta, Chief Undergraduate Academic Adviser.

## Psychology Minor

Requirements for the liberal arts minor in psychology

To earn a minor in psychology, students must complete a minimum of 24 credits in psychology with a minimum GPA of 2.00 over all psychology courses and must satisfy the following requirements:

1. Required courses (must be completed with a minimum grade of a (C).

PSY 1000 - Introduction to Psychology (4)
PSY 2500 - Research Design in Psychology (4)
2. One course from two of the following groups (8 credits)

Cognition, Perception, and Biological Psychology

PSY 2150 - Introduction to Biological and Cognitive Psychology (4)

Developmental

PSY 2250 - Introduction to Life-Span Developmental Psychology (4)

Social Personality

PSY 2350 - Introduction to Social Psychology (4)
PSY 2360 - Introduction to Individual Differences and Personality Psychology (4)

Behavioral Health

PSY 2400 - Introduction to Positive Psychology (4)
PSY 2410 - Introduction to Clinical Psychology (4)
3. One course from two of the following five groups

Evolutionary and Comparative
PSY 3010 - The Psychology of Human Sexuality (4)
PSY 3020 - Evolution, Science, and Superstition (4)
PSY 3030 - Evolutionary Psychology (4)
PSY 3040 - Animal Behavior (4)

Cognition, Perception, and Biological Psychology

ALS 4335 - Psycholinguistics (4)
PSY 3100 - Creativity and Innovation (4)
PSY 3110 - Sensation and Perception (4)
PSY 3160 - Cognitive Psychology (4)
PSY 3180 - Biological Psychology (4)
PSY 4971 - Seminar in Cognition, Perception, and Biological Psychology (4)
PSY 4977 - Seminar: Psychopharmacology (4)

Developmental
PSY 3210 - Child Development (4)
PSY 3220 - Adolescence and Youth (4)
PSY 3230 - Adulthood and Aging (4)
PSY 4978 - Seminar: Cognitive Development in Children (4)
PSY 4979 - Seminar: Resilient Aging (4)
PSY 4980 - Seminar: Moral Development (4)
PSY 4972 - Seminar in Developmental Psychology (4)

Social Personality
PSY 3330 - Motivation (4)
PSY 3340 - Industrial and Organizational Psychology (4)
PSY 3370 - Group Dynamics (4)
PSY 3390 - Emotion (4)
PSY 4973 - Seminar in Social Psychology (4)

Behavioral Health

PSY 3410 - Adult Psychopathology (4)
PSY 3430 - Child Psychopathology (4)
PSY 3440 - Behavior Analysis (4)

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PSY 3450 - Health Psychology (4)
PSY 3460 - Psychology of Gender (4)
PSY 4930 - Field Experience in Psychology (4)
SE 4930 - ABA Clinic Practicum (4)
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## Notes

Students using this catalog to meet psychology minor requirements may also use any course subsequently approved as satisfying requirements in each of the five groups under requirement \#3 and published in a later catalog.

Students with a major in the School of Health Sciences are allowed to apply 16 credits of coursework toward a minor in psychology.

## Psychology, B.A.

Requirements for the liberal arts major in psychology, B.A. program

To earn the Bachelor of Arts with a major in psychology, students must complete a minimum of 48 credits in psychology with a minimum GPA of 2.0 over all psychology courses and must satisfy the following requirements:

1. Required courses (12 credits)

PSY 1000 - Introduction to Psychology (4)
PSY 2500 - Research Design in Psychology (4)
PSY 2510 - Statistics in Psychology (4)

Note: Each course must be completed with a minimum grade of C.
2. One course from two of the following groups (8 credits)

Cognition, Perception, and Biological Psychology

PSY 2150 - Introduction to Biological and Cognitive Psychology (4)

Developmental

PSY 2250 - Introduction to Life-Span Developmental Psychology (4)

Social Personality

PSY 2350 - Introduction to Social Psychology (4)
PSY 2360 - Introduction to Individual Differences and Personality Psychology (4)

Behavioral Health

PSY 2400 - Introduction to Positive Psychology (4)
PSY 2410 - Introduction to Clinical Psychology (4)
3. One course from four of the five following groups ( 16 credits)

Evolutionary and Comparative

PSY 3010 - The Psychology of Human Sexuality (4)
PSY 3020 - Evolution, Science, and Superstition (4)
PSY 3030 - Evolutionary Psychology (4)
PSY 3040 - Animal Behavior (4)

Cognition, Perception, and Biological Psychology

ALS 4335 - Psycholinguistics (4)
PSY 3100 - Creativity and Innovation (4)
PSY 3110 - Sensation and Perception (4)
PSY 3160-Cognitive Psychology (4)
PSY 3180 - Biological Psychology (4)
PSY 4971 - Seminar in Cognition, Perception, and Biological Psychology (4) *
PSY 4977 - Seminar: Psychopharmacology (4) *

Developmental
PSY 3210 - Child Development (4)
PSY 3220 - Adolescence and Youth (4)
PSY 3230 - Adulthood and Aging (4)
PSY 4978 - Seminar: Cognitive Development in Children (4) *
PSY 4979 - Seminar: Resilient Aging (4) *
PSY 4980 - Seminar: Moral Development (4) *
PSY 4972 - Seminar in Developmental Psychology (4) *

Social Personality
PSY 3300 - Social Cognition (4)
PSY 3330 - Motivation (4)
PSY 3340 - Industrial and Organizational Psychology (4)
PSY 3370 - Group Dynamics (4)
PSY 3390 - Emotion (4)
PSY 4973 - Seminar in Social Psychology (4) *
PSY 4974 - Seminar in Individual Differences and Personality Psychology (4) *

PSY 3410 - Adult Psychopathology (4)
PSY 3430 - Child Psychopathology (4)
PSY 3440 - Behavior Analysis (4)
PSY 3450 - Health Psychology (4)
PSY 3460 - Psychology of Gender (4)
PSY 4930 - Field Experience in Psychology (4) *
SE 4930 - ABA Clinic Practicum (4)

* Indicates capstone courses. Capstone course may not fulfill both the elective under requirement \#3 and the capstone under requirement \#5.

4. Two electives ( 8 credits)

Note: Electives must be in addition to courses used to satisfy four of the five groups above. One of the two electives must be at the 3000 level or higher. The remaining credits can be satisfied with a psychology course at any level.
5. One capstone course at 4000 -level ( 4 credits)

Note: The capstone course may not count as an elective under requirement \#3.

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PSY 4500 - Advanced Research Design in Psychology (4)
PSY 4921 - Readings and Research Projects (4)
PSY 4930 - Field Experience in Psychology (4)
PSY 4971 - Seminar in Cognition, Perception, and Biological Psychology (4)
PSY 4972 - Seminar in Developmental Psychology (4)
PSY 4973 - Seminar in Social Psychology (4)
PSY 4974 - Seminar in Individual Differences and Personality Psychology (4)
PSY 4977 - Seminar: Psychopharmacology (4)
PSY 4978 - Seminar: Cognitive Development in Children (4)
PSY 4979 - Seminar: Resilient Aging (4)
PSY 4980-Seminar: Moral Development (4)
PSY 4989 - History of Psychology (4)
PSY 4998- Honors Independent Studies I (4)
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6. At least 20 credits in psychology must be taken at Oakland University.

Requirements for a modified major in psychology with a concentration in linguistics, B.A. program

Students with this modified major in psychology must complete a minimum of 24 credits in psychology and 20 credits in linguistics including:

1. Required courses
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PSY 1000 - Introduction to Psychology (4)
PSY 2500 - Research Design in Psychology (4)
PSY 2510-Statistics in Psychology (4)
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2. At least two 3000 -level PSY courses
3. Sixteen credits in LIN courses, including

LIN 2201 - Introduction to Linguistics (4)
LIN 4303 - Introduction to Phonology (4)
LIN 4304 - Introduction to Syntax (4)
LIN 4403 - Phonological Theory (4) or LIN 4404 - Syntactic Theory
(4)
4. Required course

ALS 4335 - Psycholinguistics (4)

Note:

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences Exploratory Requirements, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124 ; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators. Students with a major in the School of Health Sciences will be allowed to apply 16 credits of coursework toward a major (double major) in or minor in psychology.

## Courses

PSY 1000 - Introduction to Psychology (4)
An introduction both to basic principles and recent formulations in psychology. Topics include the central psychological processes of attending, perceiving, learning, thinking, remembering and study of social behavior, and the development and organization of personality. Required of psychology majors. Satisfies the university general education requirement in the social science knowledge exploration area.

PSY 2000 - Success in the Psychology Major (2)
Emphasis on the strategies and skills needed for success in the psychology major and in a psychologyrelated career. Detailed attention will be given to identifying careers with a B.A. in psychology, using career services, getting into graduate school, and developing an individualized academic plan.

PSY 2150 - Introduction to Biological and Cognitive Psychology (4)
Survey of the processes of learning, memory and thinking, including physiological factors underlying these processes.
Prerequisite(s): PSY 1000 with a grade of (C) or higher.

PSY 2250 - Introduction to Life-Span Developmental Psychology (4)
Survey of the principal cognitive, social and behavioral processes that operate across the life-span. Satisfies the university general education requirement for knowledge applications integration. Prerequisite for knowledge applications integration: completion of the university general education requirement in the social science knowledge exploration area.
Prerequisite(s): PSY 1000 with a grade of (C) or higher.

PSY 2350 - Introduction to Social Psychology (4)
Overview of traditional and current trends in social psychology. Attention is given to developing theoretical approaches to attitudes, interpersonal processes and social perception.
Prerequisite(s): PSY 1000 with a grade of (C) or higher.

PSY 2360 - Introduction to Individual Differences and Personality Psychology (4)
Survey of basic research in individual differences and personality, including a discussion of major personality theories, personality variables (i.e., aggression, altruism) and the measurement of personality variables.
Prerequisite(s): PSY 1000 with a grade of (C) or higher.

PSY 2400 - Introduction to Positive Psychology (4)
Scientific study of the strengths and virtues that allow individuals and communities to thrive. Review of empirical and theoretical work as it relates to positive emotions such as contentment, happiness, hope; individual traits such as optimism, self-efficacy, compassion, resilience, integrity, hope, wisdom; and institutional strengths that foster justice, parenting, leadership, purpose and tolerance.
Prerequisite(s): PSY 1000 with a grade of (C) or higher.

PSY 2410 - Introduction to Clinical Psychology (4)
Introduction to the broad field of clinical psychology. The various roles of a clinical psychologist and subfields of study in clinical psychology will be covered. Detailed attention will be given to the history and current directions of the field and the activities of a clinical psychologist, including assessment, prevention, intervention, research and consultation.
Prerequisite(s): PSY 1000 with a grade of (C) or higher.

PSY 2500 - Research Design in Psychology (4)
General introduction to design, function and interpretation of research in the social sciences. Provides necessary preparation to evaluate the empirically based content of psychology. Required of psychology majors.
Prerequisite(s): PSY 1000 with a grade of (C) or higher.
PSY 2510 - Statistics in Psychology (4)
Introduces principal statistical procedures needed to analyze and interpret data in behavioral science research. Includes descriptive and inferential statistics.
Prerequisite(s): PSY 2500 with a grade of (C) or higher and proficiency in intermediate algebra as demonstrated through a grade of (C) or higher in MTH 0662 or placement in a higher mathematics course.

## PSY 2900 - Topics in Psychology (1 TO 4)

Offered occasionally on special topics of current interest that are not listed among regular offerings. Prerequisite(s): see individual listings in the Schedule of Classes.

PSY 3010 - The Psychology of Human Sexuality (4)
Current knowledge surrounding the psychology of human sexual behavior, orientations, and experience. General topics include anatomy, reproduction, sexual behavior, theories of sexual orientation, paraphilia, and sexual health. Students will achieve a current understanding of human sexuality from a psychological perspective.
Prerequisite(s): PSY 2500 with a grade of (C) or higher.

PSY 3020 - Evolution, Science, and Superstition (4)
Overview of the methods and products of science as contrasted with superstition and supernaturalism, with a focus on the evolved psychology that motivates scientific and supernatural thinking. Focus on differentiating critical thinking and scientific evidence-based beliefs and practices from beliefs and practices that are not evidence-based and do not depend on critical thinking, such as tarot card readings, palm readings, astrology and supernaturalism.
Prerequisite(s): PSY 2500 with a grade of (C) or higher.

PSY 3030 - Evolutionary Psychology (4)
Reviews empirical and theoretical work in the broad field of evolutionary psychology which addresses human and non-human nature, individual differences and group differences, including sex differences and cultural differences from an evolutionary perspective.
Prerequisite(s): PSY 2500 with a grade of (C) or higher.

PSY 3040 - Animal Behavior (4)
Comparative psychological, ethological and sociobiological viewpoints behavior of animals. Emphasis on vertebrate species including humans. Discussion of reproductive, aggressive and social behaviors, learning, communication, etc. Stresses an evolutionary perspective. Satisfies the university general
education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. Prerequisite(s): PSY 2500 with a grade of (C) or higher.

PSY 3100 - Creativity and Innovation (4)
Interdisciplinary approach to understanding cultural, societal, individual, cognitive, and biological determinants of creativity and their application to innovation.
Prerequisite(s): PSY 1000 with a grade of (C) or higher.

PSY 3110 - Sensation and Perception (4)
Psychophysical, physiological and cognitive approaches to the basic sensory systems and perceptual processes.
Prerequisite(s): PSY 2500 with a grade of (C) or higher.

PSY 3160 - Cognitive Psychology (4)
The information processing approach to problems in pattern recognition, selective attention, mental operations, short- and long-term memory, the psychology of reading, problem solving and probabilistic reasoning. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): PSY 2500 with a grade of (C) or higher.

## PSY 3180 - Biological Psychology (4)

Biological bases of behavior of humans and related mammalian species: basic neuroanatomy and neurophysiology, motivation, emotion, learning and memory, sleep and dreams, sensory-motor mechanisms, brain stimulation, psychopharmacology, hormones and behavior. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. Prerequisite(s): PSY 2500 with a grade of (C) or higher.

PSY 3210 - Child Development (4)
Theory and principles of child development from birth to puberty. Selected topics include: maturational processes, learning and motivation, intelligence, self concept and child-rearing practices. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): PSY 2500 with a grade of (C) or higher.

PSY 3220 - Adolescence and Youth (4)
Focuses on the scientific study of the normative biological, cognitive, emotional, personality and social changes that occur during adolescence. Selected topics include pubertal maturation, information processing, identity development, peer relations and family dynamics. Satisfies the university general
education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. Prerequisite(s): PSY 2500 with a grade of (C) or higher.

PSY 3230 - Adulthood and Aging (4)
Psychological change, from young adulthood to death. Topics include potentials for psychological growth and sources of crisis, changes in intellectual processes, attitudes toward aging, retirement and the needs of the aged. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): PSY 2500 with a grade of (C) or higher.

## PSY 3300 - Social Cognition (4)

The theory and research explicating thinking processes underlying social phenomena such as impression formation, persuasion, conformity, compliance, stereotyping and causal perception. Areas of focus include attitude formation and change, attribution theory, the role of affect in cognition, schema theory and theories of nonverbal behavior. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): PSY 2500 with a grade of (C) or higher.
PSY 3330 - Motivation (4)
Principal theories of motivation. Examination of needs, cognition, and social aspects. Includes a critical review of research and application of these theories to behavior. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. Prerequisite(s): PSY 2500 with a grade of (C) or higher.

PSY 3340 - Industrial and Organizational Psychology (4)
Scientific study of the workplace including the application of psychological research methods to such critical business issues as talent management, training and development, selection processes, performance assessment, job satisfaction, employee motivation and commitment, organization development, and work-life balance. The scientist-practitioner model will be emphasized.
Prerequisite(s): PSY 2500 with a grade of (C) or higher.

## PSY 3370 - Group Dynamics (4)

Group structure, function and process. Focus on how individuals affect the behavior of people in groups; how the group, in turn, affects the behavior of the individual. Topics include leadership, cohesion, group therapy, crowds and mobs.
Prerequisite(s): PSY 2500 with a grade of (C) or higher.

Understanding of human emotion from both an historical and theoretical viewpoint. Contemporary theoretical positions will be compared in terms of the roles cognition, behavior and psychological changes play in the emotional experience. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): PSY 2500 with a grade of (C) or higher.

PSY 3410 - Adult Psychopathology (4)
Introduction to psychopathology across the lifespan with a focus on the etiology from psychological, biological and sociocultural perspectives; assessment; diagnosis; and empirically-based treatment options. Includes scientific discussion of clinical types, methods of investigation and principals of psychotherapy.
Prerequisite(s): PSY 2500 with a grade of (C) or higher.

PSY 3430 - Child Psychopathology (4)
The psychopathology of children and adolescents. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): PSY 2500 with a grade of (C) or higher.

## PSY 3440 - Behavior Analysis (4)

Theory and research on the analysis of behavior as it has developed from Pavlov to Skinner and Bandura. Includes a consideration of the application of principles of behavior analysis to individual and social behavior. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): PSY 2500 with a grade of (C) or higher.

PSY 3450 - Health Psychology (4)
Application of psychological theory and research to health promotion as well as illness prevention and treatment. The interaction between biological, social and psychological factors in health and medical problems is emphasized. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): PSY 2500 with a grade of (C) or higher.

PSY 3460 - Psychology of Gender (4)
Exploration of the psychological perspectives on sex and gender, gender identity, roles, conflicts and stereotypes. Emphasis on psychological development and socialization, race, culture, social class and sexuality. May highlight the unique experiences of women. Identical with WGS 3824.
Prerequisite(s): PSY 1000 with a grade of (C) or higher.

PSY 3500 - Introduction to Psychometrics (4)
Critical examination of test construction methods and interpretation of various tests, including intelligence, achievement, interests, and personality. Psychological tests and testing in applied settings, with special attention on issues around reliability and validity. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): PSY 2510 with a grade of (C) or higher.

PSY 4500 - Advanced Research Design in Psychology (4)
Issues in design and methodology of psychological research with application to one of the areas in psychology. Independent research project required. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): PSY 2510 with a grade of (C) or higher and permission of instructor.

PSY 4510 - Advanced Statistics in Psychology (4)
Advanced statistical procedures employed in social science research. Topics include testing the statistical assumptions and a variety of inferential statistics such as partial correlations, multiple regression analysis, factor analysis, mixed ANOVA, and non-parametric tests. Emphasizes the integration of methodological, computational, and statistical issues using statistical software.

Prerequisite(s): PSY 2510 with a grade of (C) or higher and permission of instructor.

## PSY 4921 - Readings and Research Projects (4)

Individual readings or laboratory research on a topic agreed upon by a student and a member of the psychology faculty. May be repeated for additional credit. Not more than 8 credits of readings and research project may be counted toward fulfillment of the major in psychology. Each satisfies the university general education requirement for the capstone experience.
Prerequisite(s): permission of instructor and completion of the university writing foundation requirement.

PSY 4930 - Field Experience in Psychology (4)
The application of psychological concepts and methods in a non-academic setting. Includes job placement with a classroom component, readings and discussion of relevant literature. May not be repeated for credit. Satisfies the university general education requirement for the capstone experience. Prerequisite(s): junior/senior standing. Minimum of 16 credits in the major including PSY 2500 with a grade of (C) or higher, two courses between PSY 3100 and PSY 3460 and permission of instructor.

PSY 4971 - Seminar in Cognition, Perception, and Biological Psychology (4)
Advanced seminar in a special topic related to cognition, perception, conditioning or physiological processes. May be repeated once for a total of 8 credits. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): permission of instructor.

PSY 4972 - Seminar in Developmental Psychology (4)
Advanced seminar in a special topic related to developmental psychology, such as theories of development. May be repeated once for a total of 8 credits. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): permission of instructor.

PSY 4973 - Seminar in Social Psychology (4)
Advanced seminar in a special topic related to social psychology, such as attitudes, attributions or theories of social influence. May be repeated once for a total of 8 credits. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): permission of instructor.

PSY 4974 - Seminar in Individual Differences and Personality Psychology (4)
Advanced seminar in a special topic related to individual differences and personality psychology, such as theories of personality, aggression or religion. May be repeated once for a total of 8 credits. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): PSY 2500 with a grade of (C) or higher, and permission of instructor.

## PSY 4977 - Seminar: Psychopharmacology (4)

Examines the effects of drugs on brain and behavior. Includes introduction to brain anatomy and neurotransmission. Emphasis on explanation and theories for the effects of drugs of abuse and drug treatments for psychological disorders on the brain and behavior. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): PSY 3180 with a grade of (C) or higher or permission of instructor.

PSY 4978 - Seminar: Cognitive Development in Children (4)
Advanced seminar that examines children's cognitive development from infancy through early adolescence. Includes topics such as information processing theories, spatial cognition, schooling and cognition and the study of intelligence. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): PSY 2250, PSY 2500 and PSY 3210, each with a grade of (C) or higher, or permission of instructor.

## PSY 4979 - Seminar: Resilient Aging (4)

Advanced seminar examining psychological resilience in late life. Empirical and theoretical perspectives in developmental psychology emphasize resilience and healthy adaptation in late life, particularly as these pertain to personality factors, stress management, coping, social resources, neurological plasticity, health maintenance, and thriving. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): PSY 2500 and PSY 3230 each with a grade of $(C)$ or higher, or permission of instructor.

Examines theoretical perspectives and empirical work on the cognitive-contextual, socio-emotional, cultural, and biosocial factors in the development of moral cognition, behavior, and emotion among children and adolescents. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): PSY 2500 with a grade of (C) and either PSY 3210 or PSY 3220 with a grade of (C) or higher, or permission of instructor.

PSY 4982 - Intergroup Relations (4)
Advanced seminar examining the psychology of intergroup relations. Includes introduction to contemporary and historical theoretical perspectives on intergroup psychology. Emphasis on causes and consequences of stereotyping, prejudice, and discrimination.
Prerequisite(s): PSY 2500 and PSY 2510, each with a grade of (C) or higher.

PSY 4989 - History of Psychology (4)
Examines psychology's philosophical and physiological roots. Attention is given to the ways in which historical contexts and movements are linked to major developments in psychological thought and theory, including the psychology of consciousness, the unconscious, behaviorism, cognitive science, social psychology, and applied fields of psychology. Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): PSY 2500 with a grade of (C) or higher and two additional PSY courses.

PSY 4995 - Research Apprenticeship (2 OR 4)
Student will be mentored by faculty in various steps of the research process. May be repeated for additional credit. Not more than 8 credits earned in the research apprenticeship may be counted toward fulfillment of the major in psychology.
Prerequisite(s): permission of instructor.

PSY 4997 - College Teaching Apprenticeship (4)
Supervised participation in teaching undergraduate psychology courses. Discussion of teaching objectives and methods. May be repeated for a total of 8 credits. Only 4 credits may be offered to fulfill major requirements.
Prerequisite(s): permission of instructor.

PSY 4998 - Honors Independent Studies I (4)
First course in sequence for independent honors research project. With guidance from an identified faculty mentor, student will prepare research prospectus, present proposal to thesis committee, and complete IRB or IACUC process. Student is expected to continue independent study in PSY 4999 during subsequent semester. Satisfies the university general education requirement for the capstone experience.
Prerequisite(s): PSY 2500 and PSY 2510 each with a grade of ( $B+$ ) or higher, and permission of instructor.

PSY 4999 - Honors Independent Studies II (4)
Second course in sequence for independent honors research project. Student will collect and analyze data, write manuscript, and defend thesis to committee. Successful completion requires approval of the thesis committee.
Prerequisite(s): PSY 4998 and permission of the instructor.

## Religious Studies Program

Varner Hall, Room 217
371 Varner Drive
Rochester, MI 48309-4485
(248) 370-2154

Director: Henri Gooren

Sub-program Directors: Michael Pytlik (Judaic Studies), Malik Balla (Islamic Studies), Charles Mabee (Christianity Studies)

## Religious Studies Independent Major

Working with the program director, students may construct a 40-credit course of study to major in Religious Studies. The Independent Major may build upon and extend beyond the Religious Studies Concentration, while incorporating the particular interests of each participating student. The Independent Major may not be pursued conjointly with any of the three minor fields of study listed below. The plan of study for each independent major must be submitted to the College of Arts and Sciences for final approval.

## Religious Studies Concentration

This concentration offers a structured program of study that explores and examines the human religious experience through its core beliefs and defining practices. While a number of methods common to the liberal arts tradition are employed throughout the various courses offered, focus typically is interdisciplinary, delving into the cultural, literary, and historical dimensions of religious life and thought. This concentration is 28 credits and may not be taken conjointly with one of the minors listed below. However, it may be taken conjointly with a full major in any other department of the College of Arts and Sciences.

## Religious Studies Minors

The need for increased understanding of religious influences in the modern world has perhaps never been more apparent than at the present time. Judaism, Islam and Christianity in particular - with their intertwined historical, theological, cultural and ethical components - are integrally connected to the most urgent global challenges of the contemporary world. The purpose of the minor in religious studies is to provide students with a coherent and nuanced framework for achieving greater insights into the scope and complexity of these issues.

## Programs

- Christianity Studies Minor
- Islamic Studies Minor
- Judaic Studies Minor


## Christianity Studies Minor

The liberal arts minor in Christianity studies requires a minimum of 20 credits as described below. At least 8 credits must be taken in religious studies courses at Oakland.

1. Required course selected from

REL 1100 - Introduction to Religion (4)
REL 1850 - World Religious Traditions (4)

## 2. Required courses

REL 1250 - Introduction to Christianity (4)
REL 3110 - Christian Ethics (4)
3. Two core courses selected from

AH 3220 - Early Medieval, Byzantine, and Romanesque Art (4)
AH 3230-Gothic Art (4)
ENG 3650 - The Bible as Literature (4)
HST 3340 - The Italian Renaissance (4)
HST 3345 - The Reformation (4)
PHL 2210 - Medieval Philosophy (4)
REL 3730 - Early Christian Spirituality (4)
REL 3900 - Special Topics in Religious Studies (4) when relevant to Christian studies
4. One of the following applications

REL 4920 - Directed Readings in Religious Studies (4) (in Christianity studies; requires Christianity studies program director approval)
REL 4950 - Religious Community Project Internship (4)

Note

Special topics courses offered in other areas (anthropology, English, history, philosophy, political science, and sociology) may be applied towards the minor when the topic is about an aspect of religious studies appropriate to the minor.

Students using this catalog to meet Christianity studies minor requirements may also use any course subsequently approved as satisfying requirements in one of the elective categories (requirements 1,3, and 4) and published in a later catalog.

## Islamic Studies Minor

The liberal arts minor in Islamic studies requires a minimum of 20 credits as described below. At least 8 credits must be taken in religious studies courses at Oakland.

## 1. Required course selected from

REL 1100 - Introduction to Religion (4)
REL 1850 - World Religious Traditions (4)
2. Required course

REL 1150 - Introduction to Islam (4)
3. Required course selected from

REL 3100 - Islamic Ethics (4)
REL 3130 - Islam in the Modern World (4)
REL 3450 - Islam in America (4)
Any REL 3000 special topics course in Islamic studies (4)
4. One of the following field-related courses

AH 1003 - Arts of Asia and the Islamic World (4)
HST 3510 - The Modern Middle East (4)
HST 3540 - The Arab-Israeli Conflict (4)
IS 2700 - Perspectives on the Middle East (4)
PHL 2210 - Medieval Philosophy (4)

## 5. One of the following applications

ARB 1140 - Introduction to Arabic Language and Culture I (4) (or higher numbered Arabic language course)
REL 4950 - Religious Community Project Internship (4) (structured by the Islamic studies program director upon request)
REL 4920 - Directed Readings in Religious Studies (4) (in Islamic studies; requires Islamic studies program director approval)
Approved study abroad course in a Middle Eastern country

Note

Special topics courses offered in other areas (anthropology, art history, English, history, philosophy, political science and sociology) may be applied towards the minor when the topic is on an aspect of religious studies appropriate to the minor.

Students using this catalog to meet Islamic studies minor requirements may also use any course subsequently approved as satisfying requirements in one of the electives categories (requirements 1, 3, 4 and 5) and published in a later catalog.

## Judaic Studies Minor

The liberal arts minor in Judaic studies requires a minimum of 20 credits as described below. At least 8 credits must be taken in religious studies courses at Oakland.

## 1. Required course selected from

REL 1100 - Introduction to Religion (4)
REL 1850 - World Religious Traditions (4)
2. Required course

REL 1200 - Introduction to Judaism (4)
3. Two core studies courses selected from

PHL 2210 - Medieval Philosophy (4)
REL 3420 - Jewish History (4)
REL 3700 - The Book of Genesis (4)
REL 3710 - Written Traditions of Judaism (4)
REL 3720 - Concepts of God and Man in Judaism (4)
REL 3430 - The Jewish Experience in American Life (4)
REL 3440 - The Holocaust (4)
Any REL 3000 special topics course in Judaic studies (4)

## 4. One of the following applications

Hebrew language course
REL 4950 - Religious Community Project Internship (4)
REL 4920 - Directed Readings in Religious Studies (4) (in Judaic studies; requires Judaic studies program director approval)
Approved study abroad course in Israel

## Note

Special topics courses offered in other areas (anthropology, art history, English, history, philosophy, political science and sociology) may be applied towards the minor when the topic is on an aspect of religious studies appropriate to the minor.

Students using this catalog to meet Judaic studies minor requirements may also use any course subsequently approved as satisfying requirements in one of the elective categories (requirements 1, 3 and 4) and published in a later catalog.

## Courses

REL 1100 - Introduction to Religion (4)
Critical, comparative study of the human religious experience, as well as an examination of various methodological approaches employed by academic disciplines in the study of religion.

## REL 1150 - Introduction to Islam (4)

Pre-Islamic Arabia, Muhammad and early Islamic history; the Qur'an and basic beliefs, practices and law; the Islamic Caliphate; Islam in the modern world and Muslims in America; women in Islam and other contemporary issues. Satisfies the university general education requirement in the global perspective knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive: completion of the university writing foundation requirement.

## REL 1200 - Introduction to Judaism (4)

Religious beliefs, practices and philosophies embedded within the major historical experiences (Biblical and Diasporic) of Jewish people including main institutional branches of Judaism, central characteristics of Jewish culture, and their relationship with non-Jewish groups and societies. Satisfies the university general education requirement in the global perspective knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive: completion of the university writing foundation requirement.

## REL 1250 - Introduction to Christianity (4)

Key ideas, major concepts, and peculiar language of the Christian religious experience. Focus on history of Christianity, creeds and doctrines of various denominations, Christianity's cultural influences, and Christian ethical systems. Satisfies the university general education requirement in the global perspective knowledge exploration area.

REL 1850 - World Religious Traditions (4)
Examines the core teachings and practices of the world's major religious traditions, including Judaism, Christianity, Islam, Hinduism, Buddhism, and Chinese religions. Emphasis is on terminology developed within each tradition, identification of human problems that each attempts to solve, and the insights and problematic issues that arise from these attempts. Satisfies the university general education requirement in the global perspective knowledge exploration area.

REL 2100 - Basic Religious Writings (4)

Explores the various roles played by core texts within both Western and Eastern religious traditions. Basic texts from these traditions are analyzed and compared, revealing the essential approaches to religious life contained in each.

REL 3100 - Islamic Ethics (4)
Major principles and theories of Islamic ethics. Application of these ideas to issues of deforestation, global warming, sustainability, women's rights, abortion and cloning. Comparisons with other philosophical and religious theories.

REL 3110 - Christian Ethics (4)
Study of the dialogue between philosophical ethics and the Christian tradition. Ethical models of Christian tradition from late Jewish moral theory through the Greeks, Romans, and into the present. Christian perspectives on contemporary moral problems and social issues.

REL 3120 - Philosophy of Religion (4)
Identical with PHL 3150.
Prerequisite(s): one course in philosophy or religious studies or permission of instructor.

REL 3130 - Islam in the Modern World (4)
Exploration of political, social, cultural, and religious developments in a diverse array of Muslim societies in the contemporary world. Examination of interaction between Western notions of modernity and Islam. Analysis of Western influence on Muslim societies and Muslim responses to the West. Topical issues include women's rights, democracy, and the rise of radical groups.

## REL 3140 - Religion in the Modern World (4)

Focuses on key issues of religious life in the modern world. Examples of topics include the role of women in religious leadership, the relation of science and religion, religious fundamentalism, and religiously motivated acts of terrorism. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications: completion of the general education requirement in the social science or the global perspective knowledge exploration area, not both.

REL 3410 - American Religious Experience (4)
Study of a variety of religious traditions (e.g., Buddhist, Catholic, Hindu, Islamic, Native American, Protestant) as these are understood and lived by followers within the modern pluralistic society of North America. Also focuses on secularity, "NRM's" (New Religious Movements), and the emergence of American-born spiritual communities of faith.

## REL 3420 - Jewish History (4)

Survey of Jewish history from its foundation to more modern periods, including such topics as the Jewish Patriarchs, Jewish kingdoms, Jews in the Roman Empire, Jews in the Medieval Period, and Jewish experiences in Europe and the United States.

REL 3430 - The Jewish Experience in American Life (4)
History of Jews as an American minority group, a dissenting non-Christian religious group, an immigrant and ethnic group, and a cultural group. Emphasis on themes of assimilation and conflict, as well as contributions to American society.

REL 3440 - The Holocaust (4)
Examines events and contributing factors culminating in the Holocaust. Specific topics include history of anti-Semitism in Europe, rise of Nazism in Germany, Nazi Jewish policies, Jewish life under Nazism, design and execution of the death camps, world response, and the meaning of the Holocaust.

## REL 3450 - Islam in America (4)

Examination of the history, development, and challenges facing the Muslim community in the United States. Emphasis on the diversity of this community and its role in the greater Detroit area.

## REL 3700 - The Book of Genesis (4)

Examination of the major themes in the Book of Genesis, including creation, relationship between people and God, and human nature. Course will incorporate archaeology, rabbinic and Christian commentary, and literary analysis.

REL 3710 - Written Traditions of Judaism (4)
Examination of Jewish sacred texts and their development in Jewish history. Texts include the Hebrew Bible, Talmuds, early mystical works, devotional texts from medieval Europe, and the Kabbalah. Texts are in English translation. A significant emphasis is placed on reading and the meaning of these texts.

REL 3720 - Concepts of God and Man in Judaism (4)
Examination of how ideas of God and humans' relationship to God are presented in Jewish religious texts and how they have evolved over time. Important issues include the nature of God, free will, sin, repentance, and the question of evil.
Prerequisite(s): REL 1100 or REL 1200 recommended.

REL 3730 - Early Christian Spirituality (4)
Social, historical and textual study of how Christianity as a new religion developed a unique spirituality enabling followers to approach their God using insights from Paul the Apostle, the Gospels, St. Augustine, and others.

## REL 3750 - Science and Religion (4)

Examines the relationship between religion and modern science from an historical and contemporary perspective. Scientific descriptions of reality are compared and contrasted with contemporary expressions of religious belief. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications: completion of the general education requirement in the natural science and technology knowledge exploration area.

REL 3900 - Special Topics in Religious Studies (4)
Topics in history, literature, culture and philosophy of different religious traditions. May be repeated for additional credit under different subtitle.

REL 4920 - Directed Readings in Religious Studies (4)
Individual study of topic(s) not covered in available courses. May be repeated for additional credit. Prerequisite(s): REL 1100 and REL 2100 and permission of concentration coordinator.

REL 4950 - Religious Community Project Internship (4)
Field placement in an approved religious community project. Field notes, regular consultation with the program director, and an analytical paper of the experience are part of the requirements.
Prerequisite(s): minor or concentration in religious studies and permission of program director.

# Department of Sociology, Anthropology, Social Work and Criminal Justice 

518 VARNER HALL

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## Social Work

512B VARNER HALL
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Chairperson: Jo Reger

Professors emeriti: Peter J. Bertocci, Judith K. Brown, David R. Maines, Jacqueline R. Scherer, Gary Shepherd, Richard Stamps

Professors: Albert J. Meehan, Dorothy A. Nelson, Terri L. Orbuch, Jo Reger, Suzanne M. Spencer-Wood

Associate professors: Amanda Burgess Proctor, Lori A. Burrington, Graham Cassano, Dennis J. Condron, Henri Gooren, Angela A. Kaiser, Heidi Lyons, George Sanders, Cynthia J. Schellenbach, Scott J. Smith

Assistant professors: Theresa Anasti, Jacob H. Becker, Teressa Benz, Jon W. Carroll, Wendi L. Johnson, Matthew May, Maria Paino, Watoii Rabii, Kareen Tonsing

Adjunct Assistant Professor: Michael Pytlik

Special Instructor: Linda Bzhetaj

Administrative professionals: Stephanie Brandimarte (Social Work), Kimberly Byrd (Criminal Justice), Maria Beam (program director, Social Work), Heather El-Khoury (Social Work)

Chief advisers: Dorothy A. Nelson (Anthropology), Heidi Lyons (Sociology), Stephanie Brandimarte (Social Work), Kimberly Byrd (Criminal Justice)

The Department of Sociology, Anthropology, Social Work and Criminal Justice offers majors in sociology and anthropology as well as a joint major in sociology/anthropology (B.A.); a major in criminal justice leading to a Bachelor of Arts (B.A.) degree, and a major in social work leading to the Bachelor of Social Work (B.S.W.) degree.

Sociology is the scientific study of society and systematically examines the cultural and social factors that shape individual and group behavior. Students learn about the fundamental processes of human interaction, the forces of social inequality and social change, and critically examine society's social institutions and social problems. The major prepares students for careers where knowledge of human relationships and/or research skills are desirable, and for graduate work in sociology and related social service fields.

Anthropology is the study of humankind in all its aspects, through archaeological, biological, cultural, and linguistic research, and fosters the use of this knowledge in addressing human problems. The major prepares students for graduate work in anthropology and/or archaeology and for careers that utilize anthropological knowledge and training. In sociology and anthropology students are required to study research techniques and acquire skills in theoretical analysis. Both majors are designed to allow flexibility for students to pursue their own intellectual interests.

Social Work is a profession that strives to prevent crisis, promote social justice, and enhance the social functioning of individuals, groups, and communities so that they may better cope with the many challenges they encounter. The Bachelor of Social Work degree program trains students in the generalist social work perspective, along with the values and ethical principles consistent with the profession's historical commitment to social justice and positive change. Students trained in social work are capable of working with individuals, families, and communities of different cultural and ethnic backgrounds.

The Criminal Justice major is an interdisciplinary program grounded in the theoretical, methodological, and applied policy traditions of criminology and criminal justice, as well as those related disciplines that have contributed to its core knowledge (i.e., sociology, political science, public administration, law, philosophy, psychology). The degree choices that students can make are criminal justice, criminal
justice with a specialization in homeland security and criminal justice with a specialization in information security and assurance.

Students also may select a combined major in sociology and anthropology, and a modified major in sociology or anthropology with a concentration in linguistics. Other concentrations include archaeology, gerontology, and addiction studies. The department also offers minors in sociology, anthropology, criminal justice and child welfare (for social work majors).

## Departmental Honors

To be a candidate for departmental honors in sociology, students must have taken at least 16 of their major credits at the 3000-4000 level, have taken a minimum of 20 credits of their sociology major course work at Oakland University, have earned a minimum GPA of 3.70 in major course work at Oakland and receive recommendations from two departmental faculty members.

To be a candidate for departmental honors in anthropology, students must have taken at least 16 credits in the major at the 3000 level or above, have taken a minimum of 20 credits of their anthropology major course work at Oakland University, have earned a minimum GPA of 3.70 in major course work, and receive recommendations from two departmental faculty members.

To be a candidate for departmental honors in social work, students must have taken at least 16 credits in the major at the 3000 level or above, have taken a minimum of 20 credits of their social work major course work at Oakland University, have earned a minimum GPA of 3.70 in the major course work, and receive recommendations from two departmental faculty members.

To be a candidate for departmental honors in criminal justice, students must have taken at least 16 credits in the major at the 3000 level or above, taken a minimum of 16 credits of criminal justice major coursework at Oakland University, earned a minimum GPA of 3.70 in the major coursework, and received recommendations from two departmental faculty members.

## Programs

- Addiction Studies Concentration
- Anthropology Minor
- Anthropology, B.A.
- Archaeology Concentration
- Child Welfare Minor
- Criminal Justice Minor
- Criminal Justice, B.A.
- Criminal Justice, B.A., Specialization in Homeland Security
- Criminal Justice, B.A., Specialization in Information Security and Assurance
- Gerontology Concentration
- Social Work, B.S.W.
- Sociology Minor
- Sociology, B.A.
- Sociology/Anthropology, B.A.


## Addiction Studies Concentration

The concentration in Addiction Studies provides students with the required knowledge and skills needed to pursue the Certified Addiction and Drug Counselor license for the State of Michigan and prepares students to work in the areas of substance abuse and addiction.

## Addiction studies concentration - 28 credits

Core classes
PHL 1300 - Introduction to Ethics (4)
PSY 1000 - Introduction to Psychology (4)
SOC 3230 - Alcohol, Drugs and Society (4)
SW 3112 - Substance Abuse Theory and Practice I (4)
SW 3212 - Substance Abuse Theory and Practice II (4)

Electives: choose two of the following
SW 2301 - Introduction to Social Work (4)
SW 4103 - Social Work Practice I (4) (for social work majors only)
SOC 2220 - Sociology of Mental Illness (4)
AN 3220 - Medical Anthropology (4)
CRJ 1100 - Introduction to Criminal Justice (4)
CRJ 3224 - Corrections and Rehabilitative Institutions (4)
PHL 3500 - Bioethics (4)
PSY 3450 - Health Psychology (4)

Note
As a general rule, no more than eight credits of course work used to satisfy one major, minor, or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Anthropology Minor

Requirements for a liberal arts minor in anthropology
To earn a minor in anthropology, students must complete 20 credits distributed as follows:

1. Required courses

AN 1111 - Culture and Human Nature (4)
AN 1511 - Human and Cultural Evolution (4)
2. A minimum of 12 credits in anthropology courses at the 3000-4000 level

## Anthropology, B.A.

Requirements for the liberal arts major in anthropology, B.A. program
Students have a choice of three 24 credit major tracks: cultural anthropology (strongly recommended for students planning to go to graduate school in this field); archaeology (strongly recommended for students planning graduate work or employment in archaeology) and general anthropology (recommended for students whose interest in anthropology is broadly educational).

To earn a Bachelor of Arts with a major in anthropology, students must complete a minimum of 40 credits, including the following:

## 1. Core

AN 1111 - Culture and Human Nature (4)
AN 1511 - Human and Cultural Evolution (4)
AN 3381 - Anthropological Research Methods (4)
AN 4391 - Anthropological Theory (4)
2. Complete one of the following 24 -credit tracks
A. Cultural anthropology - 24 credits

1. One class from each of the following categories

Bio-evolutionary anthropology
AN 3220 - Medical Anthropology (4)
AN 3221 - The Human Skeleton (4)
AN 3222 - Forensic Anthropology (4)
AN 3620 - Primate Behavior (4)
AN 3720 - Human Adaptation (4)
AN 4720 - Advanced Physical Anthropology (4)
Social anthropology
ALS 4374 - Cross-Cultural Communication (4)
ALS 4375 - Language and Culture (4)
AN 2130 - Global Human Systems (4)
AN 2140 - Applied Anthropology (4)
AN 3110 - Culture, Society and Technology (4)
AN 3120 - Psychological Anthropology (4)
AN 3123 - Magic, Witchcraft and Religion (4)
AN 3127 - Racial and Ethnic Relations (4)
AN 3130 - The Life Course in Anthropological Perspective (4)
AN 3132 - Women's Lives in Cross-Cultural Perspective (4)
AN 3133 - The Food Quest (4)
AN 3140 - Culture and Society Through Film (4)
AN 3230 - Law and Society (4)

AN 4320 - Social Anthropology (4)
AN 4330 - Systems of Wealth and Power in Anthropological Perspective (4)
Archaeology
AN 3430 - The Archaeology of Civilizations (4)
AN 3450 - Archaeology of North America (4)
AN 3550 - Archaeology of Mesoamerica (4)
AN 3560 - Historical Archaeology (4)
AN 3562 - Archaeology of Israel (4)
AN 3563 - Archaeology, Ideology and Sacred Sites in the Ancient Near East (4)
AN 3571 - Archaeological Methods and Theory (4)
Ethnology of world culture area
AN 3250 - Peoples and Cultures of China (4)
AN 3255 - Peoples and Cultures of India (4)
AN 3260 - Peoples and First Nations of North America (4)
AN 3350 - Peoples and Cultures of Mexico and Central America (4)
2. 8 credits in electives from any AN courses at the 2000 level or above
B. Archaeology - 24 credits

1. Required courses

AN 3571 - Archaeological Methods and Theory (4)
AN 3581 - Archaeological Field School (8)
2. 12 elective credits selected from

AN 3410 - Museum Studies in Archaeology (4)
AN 3430 - The Archaeology of Civilizations (4)
AN 3450 - Archaeology of North America (4)
AN 3550 - Archaeology of Mesoamerica (4)
AN 3560 - Historical Archaeology (4)
AN 3562 - Archaeology of Israel (4)
AN 3563 - Archaeology, Ideology and Sacred Sites in the Ancient Near East (4)
C. General anthropology - 24 credits

Elective credits chosen from any anthropology courses.

## Notes

LIN 2201 - Introduction to Linguistics is strongly recommended for all anthropology majors, as is the study of at least two years of a foreign language. Students planning graduate school should also consider taking SOC 2010 (Research Methods). No more than 8 credits counted toward the major may be taken in AN 2000, AN 3000, AN 3930 or AN 4996/SOC 4996.

Students using this catalog to meet cultural anthropology major track requirements may also use any course subsequently approved as satisfying requirements in the bio-evolutionary anthropology, social anthropology, archaeology, and ethnology or world culture categories and published in a later catalog.

Students using this catalog to meet archaeology major track requirements may also use any subsequently approved archaeology courses, or courses with archaeology content listed as AN 2000 Current Issues in Anthropology, AN 3000 Current Problems in Anthropology, AN 3900 Special Topics in Anthropology, AN 4996 Independent Study and Research, AN 4997 College Teaching Apprenticeship or AN 3930 Field Experience in Anthropology.

Requirements for modified majors in sociology and/or anthropology with a linguistics concentration, B.A. program

To earn a modified major in sociology with a concentration in linguistics, students must complete a minimum of 20 credits in sociology, including SOC 1000, SOC 2010, SOC 2020, SOC 4000, and a minimum of 20 credits in linguistics including LIN 2201, LIN 4303, LIN 4304, either LIN 4403 or LIN 4404, and LIN 4312 or ALS 4376.

To earn a modified major in anthropology with a concentration in linguistics, students must complete AN 1111 and AN 1511, plus a minimum of 12 additional credits in anthropology and 20 credits in linguistics, including: LIN 2201, LIN 4303, LIN 4304, either LIN 4403 or LIN 4404, and ALS 4376.

## Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirement, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124 ; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Archaeology Concentration

Coordinator: Suzanne M. Spencer Wood (Anthropology)

Committee: Jon Carroll (Anthropology), Leslie Cavell (Art History), Andrea Eis (Cinema Studies), Michael Pytlik (Anthropology), Suzanne M. Spencer-Wood (Anthropology), Richard B. Stamps (emeritus Anthropology), Susan E. Wood (Art History)

The concentration in archaeology prepares students for graduate study in archaeology. It is also helpful for students interested in an interdisciplinary approach to human cultural development viewed from historical, aesthetic and scientific perspectives. A minimum of 28 credits is required for this program, distributed as follows.

1. Required courses

AH 1001 - History of Western Art, Prehistory through Medieval (4)
AN 1511 - Human and Cultural Evolution (4)
AN 3571 - Archaeological Methods and Theory (4)
2. One of the following

AH 3040 - Buddhist Art (4)
AH 3110 - Art of the Ancient Near East (4)
AH 3120 - Greek Art (4)
AH 3130 - Roman Art (4)
AH 3240 - Islamic Art (4)
AH 3800 - Museum Studies in Art History (4)
AN 3000 - Current Problems in Anthropology (4)
AN 3410 - Museum Studies in Archaeology (4)
AN 3430 - The Archaeology of Civilizations (4)
AN 3450 - Archaeology of North America (4)
AN 3560 - Historical Archaeology (4)
AN 3562 - Archaeology of Israel (4)
AN 3563 - Archaeology, Ideology and Sacred Sites in the Ancient Near East (4)
3. Eight credits in field methods

AN 3581 - Archaeological Field School (4 OR 8)
4. At least 4 elective credits selected from

An additional course chosen from requirement \#2 above
AH 3020 - Chinese Art (4)
AH 3220 - Early Medieval, Byzantine, and Romanesque Art (4)
HST 2600 - Introduction to Latin American History to 1825 (4)
HST 3110 - History of the North American Colonies (4)
HST 3710 - Ancient and "Medieval" African Civilizations (4)
HST 3310 - Ancient Greece and Rome (4)
PHY 1060 - Earth Science/Physical Geography (4)

Note
Students are reminded that professional conservation work requires knowledge in botany and chemistry. New and special topics classes, where appropriate, may be petitioned to count toward graduation. Students wishing to enroll in the archaeology concentration should file a minor and concentration authorization form with the concentration coordinator.

## Child Welfare Minor

Requirements for a liberal arts minor in child welfare

The child welfare minor is available for social work students interested in working with children and families areas of abuse and neglect, foster care and adoption, juvenile delinquency and other related fields.

Completion of this minor does not equate to the endorsement through the Michigan Department of Human Service. Rather that is a separate application process. BSW students seeking a minor in child welfare must schedule an appointment with the program adviser to learn more about the endorsement application and eligibility requirements.

## 1. Required courses

SW 3101 - Human Behavior and Social Environment (4)
SW 3313 - Child Welfare (4)
SW 4103 - Social Work Practice I (4)
2. Two elective courses selected from

SW 3112 - Substance Abuse Theory and Practice I (4)
SW 3212 - Substance Abuse Theory and Practice II (4)
SW 3905 - Special Topics in Social Work (2 TO 4) (requires program adviser approval)
SOC 3410 - Family and Community Processes (4)
SOC 3400 - Sociology of Family (4)
CRJ 3300 - Alcohol, Drugs and Society (4) or SOC 3230 - Alcohol, Drugs and Society (4)
CRJ 3223 - Delinquency and Juvenile Justice (4) or SOC 3240 - Delinquency and Juvenile Justice (4)

## Criminal Justice Minor

Requirements for a liberal arts minor in criminal justice
To earn a minor in criminal justice, students must complete and earn a ( $C+$ ) in each of the criminal justice courses:

## 1. Required courses

CRJ 1100 - Introduction to Criminal Justice (4)
CRJ 2100 - Criminological Theory (4)
2. One core criminal justice course selected from

CRJ 3223 - Delinquency and Juvenile Justice (4)
CRJ 3224 - Corrections and Rehabilitative Institutions (4)
CRJ 3227 - Police and Society (4)
CRJ 3229 - Criminal Law and the Courts (4)
3. Two criminal justice electives (8 credits)

Note

Students using this catalog to meet criminal justice minor requirements may also use any course subsequently approved as satisfying requirements in the core criminal justice group (requirement \#2 above) and published in a later catalog.

## Criminal Justice, B.A.

Requirements for criminal justice, B.A.
To earn a Bachelor of Arts with a major in criminal justice students must complete a minimum of 48 credits as listed below. Students must earn a minimum grade of $C+$ in the following major courses: CRJ 1100, CRJ 2100, all CRJ core courses, all CRJ elective courses, CRJ 4950 and CRJ 4970 .

Field experience is an integral part of the criminal justice curriculum. Students must have an overall GPA of 2.0 and a GPA of 2.3 in the major, completed all required and core courses, and met with the director of field services and student support to secure an internship placement prior to enrolling in CRJ 4950.

## 1. Required courses

CRJ 1100 - Introduction to Criminal Justice (4)
CRJ 2100 - Criminological Theory (4)
SOC 2010 - Introduction to Methods of Social Research (4)
SOC 2020 - Social Statistics with Computer Applications (4)
2. Two core courses from the following list

CRJ 3223 - Delinquency and Juvenile Justice (4)
CRJ 3224 - Corrections and Rehabilitative Institutions (4)
CRJ 3227 - Police and Society (4)
CRJ 3229 - Criminal Law and the Courts (4)
3. Two criminal justice electives selected from

CRJ 3300 - Alcohol, Drugs and Society (4)
CRJ 3320 - Criminology and Public Policy in Criminal Justice (4)
CRJ 3330 - Women, Crime and Justice (4)
CRJ 3332 - Race/Ethnicity, Crime and Justice (4)
CRJ 3340 - White-Collar Crime (4)
CRJ 3341 - Cybercrime (4)
CRJ 3342 - The Surveillance Society (4)
CRJ 3346 - Profiling and Threat Assessment (4)
CRJ 3347 - Neighborhoods, Schools and Crime (4)
CRJ 3348 - Terrorism and Homeland Security (4)
CRJ 3349 - Applied Intelligence (4)
CRJ 3350 - Introduction to Security (4)
CRJ 3351 - Geography of Crime (4)
CRJ 3360 - Crime and the Life Course (4)
CRJ 3365 - Critical Incident Analysis (4)

CRJ 3905 - Special Topics in Criminal Justice (4)
4. Two interdisciplinary electives selected from

AN 3127 - Racial and Ethnic Relations (4) or SOC 3610 - Racial and Ethnic Relations (4)
AN 3230 - Law and Society (4) or SOC 3460 - Law and Society (4)
HST 3220 - History of the American Industrial Economy and Society (4)
HST 3235 - Working Detroit (4)
HST 3270 - History of American Cities (4)
HST 3275 - History of American Families (4) or WGS 3821 - History of American Families (4)
HST 3280 - The Civil Rights Movement in America (4)
HST 3510 - The Modern Middle East (4)
HST 3540 - The Arab-Israeli Conflict (4)
MIS 4900 - Special Topics in MIS (3) - ST: Information Privacy
PHL 3120 - Philosophy of Law (4)
PHL 3600 - Political Philosophy (4)
PHL 3610 - Philosophy of International Relations: Law, War and Peace (4)
PHL 3620 - Global Justice (4)
PS 3040 - International Politics: Theory and Practice (4)
PS 3115 - The Judicial Process (4)
PS 3255 - U.S. Constitutional Law (4)
PS 3250 - Law and Politics (4)
PS 3260 - Civil Rights and Civil Liberties (4)
PS 3780 - International Terrorism: Causes, Consequences, Responses (4)
PSY 3210 - Child Development (4)
PSY 3220 - Adolescence and Youth (4)
PSY 3410 - Adult Psychopathology (4)
PSY 3430 - Child Psychopathology (4)
SOC 2220 - Sociology of Mental Illness (4)
SOC 3110 - Human Sexuality (4) or WGS 3830 - Human Sexuality (4)
SOC 3220 - Social Welfare Policies (4) or SW 3302 - Social Welfare Policies (4)
SOC 3410 - Family and Community Processes (4)
SOC 3600 - Social Stratification (4)
SOC 3620 - Sociology of Gender (4) or WGS 3814 - Sociology of Gender (4)
SOC 3640 - Urban and Community Sociology (4)

## 5. Internship

CRJ 4950 - Internship in Criminal Justice (consultation with director of field services and student support required prior to enrollment)
6. Capstone

CRJ 4970 - Capstone: Criminal Justice Policy Analysis (4)

Note
Student will achieve a minor in information security management upon completion of the information security and assurance specialization.

## Additional program information

Students using this catalog to meet criminal justice major requirements may also use any course subsequently approved as satisfying requirements in a particular electives group of courses and published in a later catalog.

## Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Criminal Justice, B.A., Specialization in Homeland Security

Requirements for the criminal justice, B.A., specialization in homeland security
To earn a Bachelor of Arts with a major in criminal justice and a specialization in homeland security, students must complete a minimum of 60 credits as listed below. Students must earn a minimum grade of $C+$ in the following major courses: CRJ 1100, CRJ 2100, all CRJ core courses, all CRJ elective courses, CRJ 4950 and CRJ 4970.

Field experience is an integral part of the criminal justice curriculum. Students must have an overall GPA of 2.0 and a GPA of 2.3 in the major, completed all required and core courses, and met with the director of field services and student support to secure an internship placement prior to be enrolling in CRJ 4950.

## 1. Required courses

CRJ 1100 - Introduction to Criminal Justice (4)
CRJ 2100 - Criminological Theory (4)
SOC 2010 - Introduction to Methods of Social Research (4)
SOC 2020 - Social Statistics with Computer Applications (4)
2. Core courses

CRJ 3227 - Police and Society (4)
CRJ 3229 - Criminal Law and the Courts (4)
3. Criminal justice electives (select four courses)

CRJ 3300 - Alcohol, Drugs and Society (4)

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CRJ 3320 - Criminology and Public Policy in Criminal Justice (4)
CRJ 3332 - Race/Ethnicity, Crime and Justice (4)
CRJ 3340 - White-Collar Crime (4)
CRJ 3341 - Cybercrime (4)
CRJ 3342 - The Surveillance Society (4)
CRJ 3346 - Profiling and Threat Assessment (4)
CRJ 3347 - Neighborhoods, Schools and Crime (4)
CRJ 3348 - Terrorism and Homeland Security (4)
CRJ 3349 - Applied Intelligence (4)
CRJ 3350 - Introduction to Security (4)
CRJ 3351 - Geography of Crime (4)
CRJ 3360 - Crime and the Life Course (4)
CRJ 3365 - Critical Incident Analysis (4)
CRJ 3905 - Special Topics in Criminal Justice (4) (approval from the criminal justice faculty adviser
required)
4. Interdisciplinary courses
HST 3295 - Religion, Politics and American Culture (4)
HST 3405 - Nationalism in Modern Europe (4)
HST 3510 - The Modern Middle East (4)
HST 3540 - The Arab-Israeli Conflict (4)
HST 3550 - Modern Iran and Iraq (4)
MIS 4900 - Special Topics in MIS (3)
PHL 3610 - Philosophy of International Relations: Law, War and Peace (4)
PHL 3620-Global Justice (4)
PS 3040- International Politics: Theory and Practice (4)
PS 3250 - Law and Politics (4)
PS 3255 - U.S. Constitutional Law (4)
PS 3260 - Civil Rights and Civil Liberties (4)
PS 3415 - Politics of the Middle East and North Africa (4)
PS 3430 - Political Systems of Asia (4)
PS 3780- International Terrorism: Causes, Consequences, Responses (4)
SOC 3610 - Racial and Ethnic Relations (4)
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## 5. Internship

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CRJ 4950 - Internship in Criminal Justice (4) (consultation with director of field services and student support required prior to enrollment)
6. Capstone
CRJ 4970 - Capstone: Criminal Justice Policy Analysis (4)
Additional program information
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Students using this catalog to meet criminal justice major requirements may also use any course subsequently approved as satisfying requirements in a particular electives group of courses and published in a later catalog.

## Additional information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124 ; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Criminal Justice, B.A., Specialization in Information Security and Assurance

Requirements for criminal justice, B.A., specialization in information security and assurance
To earn a Bachelor of Arts with a major in criminal justice and a specialization in information security and assurance, students must complete a minimum of 62 credits, as listed below. Students must earn a minimum grade of $C+$ in the following major courses: CRJ 1100, CRJ 2100, all CRJ core courses, all CRJ elective courses, CRJ 4950 and CRJ 4970.

Field experience is an integral part of the criminal justice curriculum. Students must have an overall GPA of 2.0 and a GPA of 2.3 in major, completed all required and core courses, and met with the director of field services and student support to secure an internship placement prior to enrolling in CRJ 4950.

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1. Required courses
CRJ 1100 - Introduction to Criminal Justice (4)
CRJ 2100 - Criminological Theory (4)
SOC 2010 - Introduction to Methods of Social Research (4)
SOC 2020 - Social Statistics with Computer Applications (4)
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## 2. Core courses

CRJ 3227 - Police and Society (4)
CRJ 3229 - Criminal Law and the Courts (4)

## 3. Required MIS courses

MIS 3010 - Survey of Management Information Systems (3)
MIS 3050 - Information Technology Foundations (3)
MIS 4130 - Networks (3)
MIS 4140 - Information Security Lab (3)
MIS 4180 - IS Risk Analysis and Controls Development (3)

MIS 4800 - Information Security Project (3)
4. Two criminal justice electives selected from

CRJ 3320 - Criminology and Public Policy in Criminal Justice (4)
CRJ 3332 - Race/Ethnicity, Crime and Justice (4)
CRJ 3340 - White-Collar Crime (4)
CRJ 3341 - Cybercrime (4)
CRJ 3342 - The Surveillance Society (4)
CRJ 3346 - Profiling and Threat Assessment (4)
CRJ 3348 - Terrorism and Homeland Security (4)
CRJ 3349 - Applied Intelligence (4)
CRJ 3350 - Introduction to Security (4)
CRJ 3351 - Geography of Crime (4)
CRJ 3365 - Critical Incident Analysis (4)
CRJ 3905 - Special Topics in Criminal Justice (4)
5. One interdisciplinary elective selected from

MIS 4700 - IS Security (3)
MIS 4750 - Mobile Security and Secure Application Development (3)
MIS 4900 - Special Topics in MIS (3)
PHL 3620 - Global Justice (4)
PS 3250 - Law and Politics (4)
PS 3255 - U.S. Constitutional Law (4)
PS 3260 - Civil Rights and Civil Liberties (4)
PS 3780 - International Terrorism: Causes, Consequences, Responses (4)
6. Internship

CRJ 4950 - Internship in Criminal Justice (4) (consultation with director of field services and student support required prior to enrollment)

## 7. Capstone

CRJ 4970 - Capstone: Criminal Justice Policy Analysis (4)

Note
Student will achieve a minor in information security management upon completion of the information security and assurance specialization.

Additional program information
Students using this catalog to meet criminal justice major requirements may also use any course subsequently approved as satisfying requirements in a particular electives group of courses and published in a later catalog.

Additional Information
In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124 ; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Gerontology Concentration

The gerontology concentration is a multidisciplinary approach designed to provide students with indepth knowledge about the aging process and the skills needed to work with older adult as well as understand the psychological, social, economic and health/medical issues that older adults face. Students will be prepared for direct service roles with seniors and their caregivers in nursing homes, geriatric health and mental health centers, hospice, hospitals and long-term-care facilities, multipurpose senior centers, senior citizen social services, and retirement communities.

## 1. Required core courses

SW 3312 - Death and Dying (4)
SOC 3210 - Sociological Perspectives on Aging (4)
PSY 3230 - Adulthood and Aging (4) (SOC 2010 substituted for published course prerequisite for students with a declared a concentration in gerontology)
SOC 3430 - Sociology of Health and Medicine (4)
2. Three elective courses selected from

AN 3130 - The Life Course in Anthropological Perspective (4)
AN 3220 - Medical Anthropology (4)
CRJ 3360 - Crime and the Life Course (4)
SW/SOC/PSY/AN/CRJ special topic course in aging (must be reviewed and approved by a faculty adviser)
PHL 3500 - Bioethics (4)
PS 3340 - Public Policy and Health Care (4)
PSY 2250 - Introduction to Life-Span Developmental Psychology (4)
PSY 4979 - Seminar: Resilient Aging (4)
SW 2301 - Introduction to Social Work (4)
SW 3201 - Human Behavior and Social Environment (4)
SW 3302 - Social Welfare Policies (4)

## Social Work, B.S.W.

Requirements for the major in social work, Bachelor of Social Work (BSW) program

Admission to the Bachelor of Social Work degree program is based on the following criteria: a minimum overall GPA of 2.80 and completion of all program prerequisite courses: SOC 1000, PSY 1000, PS 1100, BIO 1002/ BIO 1200, with a grade of C or higher; completion of SW 2301 with a grade of B or higher; experience in the human services field (employment or volunteer work including work completed for SW 2301); two letters of reference and a personal written statement from students.

To earn a major in social work, students must complete a pre-core set of courses and a minimum of 48 credits in the core social work curriculum. To remain in good academic standing while in the program, students must maintain a minimum cumulative GPA of 3.00 in the combined major courses: SOC 2010, SOC 2020, SW 3101, SW 3201, SW 3302 / SOC 3220, SW 3203, SW 3102, SW 4103, SW 4203, SW 4970, SW 4971, as well as an overall GPA of 2.80 .

Pre-core

1. Required courses

SOC 1000 - Introduction to Sociology (4)
SW 2301 - Introduction to Social Work (4)
BIO 1002 - Human Biology (4) or BIO 1200 - Biology I (4)
PSY 1000 - Introduction to Psychology (4)
PS 1100 - Introduction to American Politics (4)
2. Corequisites (may be taken concurrently with major coursework)

AN 1111 - Culture and Human Nature (4)
One sociology/criminal justice/social work elective selected from
AN 3127 - Racial and Ethnic Relations (4)
CRJ 1100 - Introduction to Criminal Justice (4)
CRJ 3300 - Alcohol, Drugs and Society (4)
SOC 3110 - Human Sexuality (4)
SOC 3230 - Alcohol, Drugs and Society (4)
SOC 3600 - Social Stratification (4)
SOC 3420 - Sociology of Religion (4)
SOC 3240 - Delinquency and Juvenile Justice (4)
SOC 3410 - Family and Community Processes (4)
SOC 3450 - Police and Society (4)
SOC 3610 - Racial and Ethnic Relations (4)
SOC 3400 - Sociology of Family (4)
SOC 3100 - Interpersonal Relationships (4)
SOC 3210 - Sociological Perspectives on Aging (4)
SW 3312 - Death and Dying (4)
SW 3313 - Child Welfare (4)
SW 3112 - Substance Abuse Theory and Practice I (4)

Core - 48 credits

## 1. Required courses

SOC 2010 - Introduction to Methods of Social Research (4)
SOC 2020 - Social Statistics with Computer Applications (4)
SOC 3220 - Social Welfare Policies (4) or SW 3302 - Social Welfare Policies
The following courses require formal acceptance into the social work program:
SW 3101 - Human Behavior and Social Environment (4)
SW 3201 - Human Behavior and Social Environment (4)
SW 3203 - Fundamentals of Social Work Practice (4)
SW 3102 - Foundations for Multicultural Social Work (4)
SW 4103 - Social Work Practice I (4)
SW 4203 - Social Work Practice II (4)
SW 4950 - Social Work Internship I (2)
SW 4970 - Social Work Seminar I (4)
SW 4951 - Social Work Internship II (2)
SW 4971 - Social Work Seminar II (4)

Plus one diversity course selected from
AN 3127 - Racial and Ethnic Relations (4) or SOC 3610 - Racial and Ethnic Relations
WGS 1000 - Introduction to Women and Gender Studies (4)
WGS 3010 - Introduction to LGBTQ Studies (4)

## Notes

BIO 1002, BIO 1200, PSY 1000 and PS 1100 may be used to fulfill general education requirements. Either AN 3127 , SOC 3610 or WGS 1000 may be used to fulfill the university's U.S. diversity requirement and the social work diversity requirement.

Students using this catalog to meet social work requirements may also use any course subsequently approved as satisfying the sociology or criminal justice elective or the diversity elective and published in a later catalog.

## Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Sociology Minor

Requirements for a liberal arts minor in sociology

To earn a minor in sociology, students must complete a minimum of 20 credits in sociology, distributed as follows:

1. Core course

SOC 1000 - Introduction to Sociology (4)
2. A minimum of 16 additional credits in sociology, 12 of which must be at the $3000-4000$ level

## Sociology, B.A.

Requirements for the liberal arts major in sociology, B.A. program
To earn a Bachelor of Arts with a major in sociology, students must complete a minimum of 44 credits, 20 of which must be taken at the 3000-4000 level including:

1. Core

SOC 1000 - Introduction to Sociology (4)
SOC 2010 - Introduction to Methods of Social Research (4)
SOC 2020 - Social Statistics with Computer Applications (4)
SOC 4000 - Sociological Theory (4)
SOC 4970 - Applying the Sociological Imagination (4)
2. One course from each of the following categories

Interaction processes
SOC 2100 - Self and Society (4)
SOC 3110 - Human Sexuality (4)
SOC 3100 - Interpersonal Relationships (4)
SOC 2110 - Small Groups (4)
SOC 4800 - Queer Social Theory (4)
Social issues
SOC 2200 - Current Social Problems (4)
SOC 2210 - The Sociology of Deviance (4)
SOC 2220 - Sociology of Mental Illness (4)
SOC 3230 - Alcohol, Drugs and Society (4)
SOC 3200 - Population and Society (4)
SOC 3220 - Social Welfare Policies (4)
SOC 3240 - Delinquency and Juvenile Justice (4)
SOC 3210 - Sociological Perspectives on Aging (4)
Social institutions
SOC 3400 - Sociology of Family (4)
SOC 3410 - Family and Community Processes (4)
SOC 3420 - Sociology of Religion (4)
SOC 3430 - Sociology of Health and Medicine (4)
SOC 3440 - Theories of Modern Organizations (4)

SOC 3450 - Police and Society (4)
SOC 3460 - Law and Society (4)
SOC 3470 - Sociology of Education (4)
Social inequality and change
SOC 3600 - Social Stratification (4)
SOC 3610 - Racial and Ethnic Relations (4)
SOC 3620 - Sociology of Gender (4)
SOC 3630 - Social Movements (4)
SOC 3640 - Urban and Community Sociology (4)
SOC 3650 - Gender and Work (4)
3. Eight elective credits at the 3000-4000 level, four of which may include anthropology.

## Notes

No more than 8 credits counted toward the sociology major may be taken in SOC 3905, SOC 3930, and SOC 4996.

Students using this catalog to meet sociology major requirements may also use any course subsequently approved as satisfying requirements in the interaction processes, social issues, social institutions, and social inequality and change categories and published in a later catalog.

Requirements for modified majors in sociology and/or anthropology with a linguistics concentration, B.A. program

To earn a modified major in sociology with a concentration in linguistics, students must complete a minimum of 20 credits in sociology, including SOC 1000, SOC 2010, SOC 2020, SOC 4000, and a minimum of 20 credits in linguistics including LIN 2201, LIN 4303, LIN 4304, either LIN 4403 or LIN 4404, and LIN 4312 or ALS 4376.

To earn a modified major in anthropology with a concentration in linguistics, students must complete AN 1511 and AN 1111, plus a minimum of 12 additional credits in anthropology and 20 credits in linguistics, including: LIN 2201, LIN 4303, LIN 4304, either LIN 4403 or LIN 4404, and ALS 4376 .

## Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Sociology/Anthropology, B.A.

To earn a Bachelor of Arts with a combined major in sociology/anthropology, students must complete a minimum of 20 credits in sociology and 20 credits in anthropology including the following:

## 1. Sociology courses

SOC 1000 - Introduction to Sociology (4)
SOC 2010 - Introduction to Methods of Social Research (4)
SOC 2020 - Social Statistics with Computer Applications (4)
2. Anthropology courses

AN 1511 - Human and Cultural Evolution (4)
AN 1111 - Culture and Human Nature (4)
3. One course chosen from

SOC 4000 - Sociological Theory (4)
AN 4391 - Anthropological Theory (4)

Note:
No more than 8 credits counted toward the major may be taken in AN 2000, AN 3000 ,AN 3930 ,or SOC/AN 4996.

## Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124 ; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Courses

AN 1111 - Culture and Human Nature (4)
Introduction to cultural and social anthropology with emphasis on the continuing human adaptation to the environment and especially the interactions among culture, society and natural environment. Satisfies the university general education requirement in the social science knowledge exploration area or global perspective knowledge exploration area, not both.

AN 1511 - Human and Cultural Evolution (4)

Introduction to physical anthropology and archaeology as applied to human and cultural evolution. Stress placed on human adaptation to environment. Satisfies the university general education requirement in the social science knowledge exploration area.

## AN 2000 - Current Issues in Anthropology (1 OR 4)

Designed for the general student, this course examines issues of current interest in anthropology. Topic will be announced at the time of offering.

AN 2130 - Global Human Systems (4)
Introductory survey of the world-wide distribution, variation, and interconnections of cultural, economic and political systems. Basic concepts in the field of human geography and other social sciences, as relevant, are introduced as are techniques and tools used in carrying out and expressing geographic analysis. Identical with IS 2000 AND GEO 2000. Satisfies the university general education requirement in the global perspective knowledge exploration area.

AN 2140 - Applied Anthropology (4)
Introduces applied anthropology through an examination of cross-cultural training in various fields, such as business, education, economic development, cultural resource management and medical anthropology. Various data collection methods and techniques as well as interpretive strategies are examined.
Prerequisite(s): AN 1111

AN 3000 - Current Problems in Anthropology (4)
Seminar in which a topic or problem is studied in depth. Each seminar requires independent readings and writing. May be repeated for credit under different subtitle for up to 8 credits.
Prerequisite(s): SOC 1000 or SOC 2200 and instructor permission.

AN 3110 - Culture, Society and Technology (4)
Technology has played a critical role in all human evolution. This course provides an historical overview of the ways in which culture has shaped technology and how technology changes cultures. It emphasizes the impact of technology on modern cultures, especially technology emanating from the Western industrial revolution. Satisfies the university general education requirement in the social science knowledge exploration area or the Western civilization knowledge exploration area, not both.

AN 3120 - Psychological Anthropology (4)
Focuses on the relationship of culture and the individual; considers personality, perception, dreams, and other areas of psychological functioning in cross-cultural perspective and in relation to culture and personality theory.
Prerequisite(s): AN 1111

AN 3123 - Magic, Witchcraft and Religion (4)

Anthropological theories of magic, witchcraft and religion: human interaction with beings, creatures and forces that manifest extraordinary powers; folk beliefs of non-literate people; and transformation of social systems by religious movements.
Prerequisite(s): AN 1111

AN 3127 - Racial and Ethnic Relations (4)
Identical with SOC 3610. Satisfies the university general education requirement in U.S. diversity. Satisfies the university general education requirement in the knowledge applications integration area.
Prerequisite for knowledge applications integration: completion of the general education requirement in the social science knowledge exploration area.
Prerequisite(s): SOC 1000 or SOC 2200 or AN 1111

AN 3130 - The Life Course in Anthropological Perspective (4)
Socialization from infancy to old age will be considered with examples drawn from a variety of nonindustrial societies as well as the literature on primates. Theories of human development across cultures will be viewed in light of this evidence. Identical with WGS 3840.

AN 3132 - Women's Lives in Cross-Cultural Perspective (4)
The lives of women in a variety of tribal and peasant societies, noting how beliefs, rituals and taboos shape the stages of the female life course and how culture influences women's reproductive and economic roles. Identical with WGS 3815.
Prerequisite(s): AN 1111 or WGS 1000

AN 3133 - The Food Quest (4)
Relationship of environment, subsistence activities and food-related technologies in a variety of nonindustrial societies, including both of food collectors and food producers. Identical with ENV 3220.

## AN 3140 - Culture and Society Through Film (4)

The systematic study of selected peoples from different cultures through the ethnographic film and appropriate readings, lectures and discussions. Students learn to evaluate cultural data according to various anthropological concepts and methodologies.

AN 3220 - Medical Anthropology (4)
Interaction between biological, ethnopsychiatric and sociocultural environments in health, illness and treatment. Includes historical, organizational, demographic, ecological and other problems in health care delivery.
Prerequisite(s): AN 1111 or SOC 1000 or PSY 1000

AN 3221 - The Human Skeleton (4)
Aspects of anatomy, physiology, variability, and health issues related to the human skeleton that may be applicable to a variety of applied social science settings. Topics include the determination of characteristics such as age and sex from skeletal remains; the evolutionary costs and benefits of skeletal
changes; growth, development and aging of the skeleton; and the prevalence of bone disease in various populations.

AN 3222 - Forensic Anthropology (4)
Broad overview of topics relevant to forensic anthropology, an applied field of physical anthropology, including basic anatomy and physiology of the human skeleton, various methods of analyzing skeletal remains, and other approaches used by the forensic anthropologist to aid in the identification of decomposed human remains. The role of the forensic anthropologist in matters of interest to law enforcement officials and the medicolegal community.
Prerequisite(s): AN 1511 or CRJ 1100 or permission of instructor.

AN 3230 - Law and Society (4)
Identical with SOC 3460.
Prerequisite(s): AN 1111 or SOC 1000 or SOC 2200

AN 3240 - World Regional Geography (4)
Comparative study of the world's major geographic regions, applying data, methods and theory of geographical analysis. Students will acquire familiarity with these regions and the geographic factors that help to account for their similarities and differences Interaction between regions will also be examined. Identical with IS 3000 and GEO 3000.
Prerequisite(s): AN 2130 or IS 2000 or GEO 2000

AN 3250 - Peoples and Cultures of China (4)
An anthropological study of China, stressing the variety of cultural and ecological adaptations characteristic of that complex society.
Prerequisite(s): AN 1111 or IS 2100

## AN 3255 - Peoples and Cultures of India (4)

A survey of contemporary society and culture on the Indian subcontinent, with focus on India, Pakistan and Bangladesh; emphasis on social structure, folk religion and the problems of socio-cultural change. Prerequisite(s): AN 1111 or IS 2400

AN 3260 - Peoples and First Nations of North America (4)
The cultures of certain Native Americans and Inuit (Eskimo) societies both in traditional times and in their relationship with Western society. Satisfies the university general education requirement in U.S. diversity.
Prerequisite(s): AN 1111

AN 3350 - Peoples and Cultures of Mexico and Central America (4)
Anthropological studies of Indian and Mestizo societies in Mexico and Guatemala, including their separate socio-economic patterns and their integration into a dualistic social system.
Prerequisite(s): AN 1111 or IS 2500

AN 3360 - Indians of South America (4)
A survey of the native South Americans. Includes warriors of the jungles, peasants and herders of the mountains, nomads of the plains and forests, and subsistence fishermen of the southern coasts. Prerequisite(s): AN 1111 or IS 2500

AN 3381 - Anthropological Research Methods (4)
Techniques of anthropological research emphasizing field research methods in cultural anthropology. May include some field work practice.
Prerequisite(s): AN 1111 or SOC 1000

AN 3410 - Museum Studies in Archaeology (4)
The organization, goals and funding of archeological museums. Career preparation including hands-on practical experience in acquisitions, cataloging, preservation, display design and preparation, display evaluation, museum education and outreach programs.
Prerequisite(s): AN 1511 or AN 3581 or permission of instructor.

AN 3430 - The Archaeology of Civilizations (4)
Analysis of archaeological and written evidence to explain how civilizations developed and declined in the Old World and the New World. Examines cultural evolution from early farming and settlement to the rise and fall of complex civilizations.
Prerequisite(s): AN 1511

## AN 3450 - Archaeology of North America (4)

Explores the archaeological heritage of North America beginning with founding prehistoric Native American populations and continuing into historical periods.
Prerequisite(s): AN 1511

AN 3550 - Archaeology of Mesoamerica (4)
The pre-Hispanic culture of Mexico and Guatemala, the Aztecs and Mayas, and their neighboring and derivative cultures. Detailed discussion of the major archaeological sites.
Prerequisite(s): AN 1511 or AN 1111

AN 3560 - Historical Archaeology (4)
Study of historic cultures, lifeways, and processes of change through combined analysis of documents and material culture, such as settlement patterns, architecture, gravestones, and excavated ceramics, glass, or metal. Special attention given to intersecting cultural structures of gender, race, ethnicity, and class. Identical with WGS 3826. Satisfies the university general education requirement in the knowledge application integration area. Prerequisite for knowledge application integration: completion of the university general education requirement in the social science knowledge exploration area. Satisfies the university general education requirement in U.S. diversity.
Prerequisite(s): AN 1511 or AN 1111 or WGS 1000 or permission of instructor.

AN 3562 - Archaeology of Israel (4)
Ancient cultures found in the ancient Near East with an emphasis on ancient Israel, the history of archaeological research in Israel and the region. Periods reviewed and case studies include the Neolithic (c. 10,000 BCE) to the early Roman Period (c. 1st century CE).

AN 3563 - Archaeology, Ideology and Sacred Sites in the Ancient Near East (4)
Archaeology of sacred sites in the wider Near East beginning in the Neolithic period. Anthropological models concerning the archaeology of religion as a discipline are explored. Case studies include sacred sites relevant to Judaism, Christianity and Islam with an emphasis on the history of Jerusalem.

AN 3571 - Archaeological Methods and Theory (4)
Introduces the field of anthropological archaeology through examination of theory, data collection methods and techniques, and interpretive strategies used to understand human histories, life-ways and cultural processes.
Prerequisite(s): AN 1511

AN 3581 - Archaeological Field School (4 OR 8)
Instruction and field research including site location, excavation, artifact analysis, and conservation. May be repeated for a total of 8 credits, at least 4 of which must be at an approved U.S. archaeological field school.
Prerequisite(s): Permission of instructor.

AN 3620 - Primate Behavior (4)
Various bio-social factors that aid the nonhuman primates in their adaptation to the environment, implications for human behavior, classroom discussions and field studies.
Prerequisite(s): AN 1511 or AN 1111 or PSY 1000 or SOC 1000

## AN 3720 - Human Adaptation (4)

Examines current theory on the cultural and biological adaptation of human groups to natural and social environments.

Prerequisite(s): AN 1511, AN 1111, or AN 3133

AN 3900 - Special Topics in Anthropology (4)
Study of a special topic for which no regular course offerings currently exist. May be repeated for credit under different subtitle. May be used for approved course work taken during study abroad.
Prerequisite(s): Anthropology major or permission of instructor.

AN 3930 - Field Experience in Anthropology (4)
Field experience in anthropology with faculty supervision. An academic project related to the departmental discipline that incorporates student performance in an occupational setting. May not be repeated for credit.

Prerequisite(s): Junior/Senior standing; 16 credits in anthropology, of which at least 8 must be at the 3000-4000 level, and permission of the instructor.

AN 4320 - Social Anthropology (4)
Examines social structure and social organization in anthropological perspective. Entails the study of economic, political, religious and kinship systems in the social life of man.
Prerequisite(s): AN 1111

AN 4330 - Systems of Wealth and Power in Anthropological Perspective (4)
Concepts and methods of political and economic anthropology, emphasizing the interrelated state of political and economic phenomena, with particular reference to pre-industrial, non-Western societies. Prerequisite(s): AN 1111

## AN 4391 - Anthropological Theory (4)

Surveys the major developments in the history of anthropological theory and traces their impact on present trends in the field. Introduces current theoretical perspectives. Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): AN 1111 and junior/senior standing or permission of instructor.

AN 4720 - Advanced Physical Anthropology (4)
The emergence and diversification of the human species in relation to the morphology and ecology of both modern and fossil man, including physical and physiological variation (sex, race and age), climatic adaptation and population genetics.
Prerequisite(s): AN 1511
AN 4996 - Independent Study and Research (2 OR 4)
A tutorial in which the student will pursue a course of reading and research with the instructor. May be repeated only once for credit.
Prerequisite(s): Permission of instructor.
AN 4997 - College Teaching Apprenticeship (2 OR 4)
Supervised participation in teaching an undergraduate course in anthropology, combined with readings and discussion of teaching objectives and methods appropriate for anthropological presentation. May be taken once for credit toward a major.
Prerequisite(s): Permission of instructor.

CRJ 1100 - Introduction to Criminal Justice (4)
Introduction to the study of crime and criminal justice in the United States. Provides an overview of crime statistics, types of offenses, police roles, courts and correctional agencies, and public policy.

Includes a comparison of street crime with white-collar crime. Required for all majors and minors in criminal justice.

## CRJ 2100 - Criminological Theory (4)

Provides foundational knowledge about criminological theory essential for success in more advanced criminal justice courses. Topics include the origins of criminology in the U.S. and both classical and contemporary criminological theoretical approaches to the study of crime, crime causation, and crime control strategies.
Prerequisite(s): CRJ 1100

CRJ 3223 - Delinquency and Juvenile Justice (4)
Overview of the nature and types of delinquency, its relation to adolescence and the social situation, processing by the juvenile justice system. Examines juvenile court procedures, detention facilities, adjudication issues, life without parole sentences, delinquency prevention, treatment programs. Identical with SOC 3240.
Prerequisite(s): CRJ 2100 or SOC 1000

CRJ 3224 - Corrections and Rehabilitative Institutions (4)
Overview of prison and correctional systems in the U.S. Includes reviews of the historical development and current issues in corrections, including sentencing practices, overcrowding, race relations, budget constraints, substance abuse. Explores ways in which these problems are addressed by criminal justice practitioners. Identical with SOC 3840.
Prerequisite(s): CRJ 2100

## CRJ 3227 - Police and Society (4)

Examines the history and role of the police in modern society. Special attention given to analyzing the police subculture and problems inherent in the control of the citizenry and police, handling special populations, the police as a quasi-militaristic bureaucracy, surveillance techniques on the police organization and issues of police deviance. Identical with SOC 3450.
Prerequisite(s): CRJ 2100 or SOC 1000.

CRJ 3229 - Criminal Law and the Courts (4)
Overview of the criminal law and sentencing within the U.S. criminal justice system. Focuses on criminal law and procedures as it relates to the processing of criminal offenders by the courts. The roles of judges, court officers, jury and attorneys are described and analyzed in the context of their professional matrix. Identical with SOC 3850.
Prerequisite(s): CRJ 2100 or SOC 1000

## CRJ 3300 - Alcohol, Drugs and Society (4)

Overview of the sociology of substance use and abuse. Reviews sociological perspectives, social control of alcohol and drugs, descriptions of alcohol/drug behavior and treatment programs. Explores how
substance abuse problems can be addressed by policy makers, lawmakers, health care professionals, and criminal justice officials. Identical with SOC 3230.
Prerequisite(s): CRJ 1100 or SOC 1000

CRJ 3320 - Criminology and Public Policy in Criminal Justice (4)
Overview of problems conducting research and policy evaluation in criminal justice agencies, including history of policy research and the emergence of evidence-based criminal justice research on issues such as deterrence, rehabilitation, gun control, sex offenders, drug use/prevention, sentencing practices, mass incarceration, community based-corrections and democratic policing.
Prerequisite(s): CRJ 2100

CRJ 3330 - Women, Crime and Justice (4)
Exploration of various issues related to women's experiences with the criminal justice system as offenders, victims, and practitioners. Uses feminist criminological scholarship to examine: the historical place of women in the study of crime, explanations of men's and women's offending, the relationship between women's victimization and offending behaviors, and the role of women in traditionally maledominated criminal justice careers. Identical with WGS 3812.
Prerequisite(s): CRJ 1100 or WGS 1000

CRJ 3332 - Race/Ethnicity, Crime and Justice (4)
Socio-historical analysis of the effects of race and ethnicity on legitimate social opportunities, criminal behavior, victimization, and differential judicial processing. Analysis of the impact of assimilation and acculturation on criminal behavior, victimization, and criminal justice processes.
Prerequisite(s): CRJ 1100

CRJ 3340 - White-Collar Crime (4)
Overview of white-collar crime and deviance, corporate and organizational crime, and political crimes both by and against the state.
Prerequisite(s): CRJ 1100

CRJ 3341 - Cybercrime (4)
Overview of cybercrime from a criminal justice perspective. Examines types of computer and cybercrimes, the hacker subculture, cybercrime prevention, information security and investigative methodologies, and the legal and social issues (e.g., jurisdiction, privacy) inherent in detection and control.
Prerequisite(s): CRJ 1100

## CRJ 3342 - The Surveillance Society (4)

Explores the development and significance of surveillance as a feature of modern society, how surveillance has changed over time with the development of new technologies, its presence in everyday life and different social institutions and contexts and the degree to which surveillance enhances social participation or social control in society. Identical with SOC 3860.

Prerequisite(s): CRJ 1100 or SOC 1000

CRJ 3346 - Profiling and Threat Assessment (4)
Critical examination of criminal profiling including crime scene, psychological, and offender profiling. Discusses ethnic, racial, and behavioral profiling, equivocal death analysis and the geographical profiling of serial killers and rapists. Reviews threat assessment models as applied to school shooters, stalking behavior and terrorists with emphasis on the empirical validity of intelligence analysis.
Prerequisite(s): CRJ 2100

CRJ 3347 - Neighborhoods, Schools and Crime (4)
Detailed exploration of criminological and sociological theories and research on the importance of neighborhood and school settings for crime and victimization. Ways in which social and structural contexts are associated with crime, delinquent behavior, and victimization.
Prerequisite(s): CRJ 1100

CRJ 3348 - Terrorism and Homeland Security (4)
Examines the threat of terrorism within U.S. borders, countermeasures employed to protect critical infrastructures and the key resources of homeland security. Critically reviews the effectiveness of antiterror and counter-terror strategy and tactics.
Prerequisite(s): CRJ 2100

CRJ 3349 - Applied Intelligence (4)
Applications of basic elements of intelligence: collection, analysis, dissemination, counterintelligence, and covert methods.
Prerequisite(s): CRJ 1100

CRJ 3350 - Introduction to Security (4)
Basic principles and concepts used by security professionals including understanding how security organizations are structured, where the security organization is placed within private industry, legal aspects, threat assessments, architectural design for security, physical and electronic security methodologies, corporate espionage, and intellectual property security.
Prerequisite(s): CRJ 1100

## CRJ 3351 - Geography of Crime (4)

Examines the structural and social determinants of crime across geographic places and considers the spatial distribution of crime and victimization. Includes the measurement of crime across places, e.g., countries, cities and neighborhoods.
Prerequisite(s): CRJ 1100

CRJ 3360 - Crime and the Life Course (4)

Overview of types of juvenile and adult criminal careers. Examines patterns of offending and desistance across the life course, and the individual, cultural, and structural factors that influence motivations and opportunities for both offending and desistance.
Prerequisite(s): CRJ 2100

CRJ 3365 - Critical Incident Analysis (4)
Analysis of critical incidents: relatively brief and usually traumatic occurrences involving injury, loss, conflict, discovery or change of significant proportion with the potential to alter existing societal norms or threaten the bonds of trust that bind communities. Examines the types of incidents (natural events, human error/accidents, intentional acts/terrorism), and the responses at the local, state, and national levels to understand similarities and differences among incidents.
Prerequisite(s): CRJ 1100

CRJ 3905 - Special Topics in Criminal Justice (4)
Study of a special topic for which no regular course offerings currently exist. May be repeated for credit under a different subtitle.
Prerequisite(s): CRJ 1100

CRJ 4950 - Internship in Criminal Justice (4)
Field placement and supervision of students in an approved criminal justice agency requiring the completion of associated course work to receive academic credit. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): Approval of director of field placement.

CRJ 4970 - Capstone: Criminal Justice Policy Analysis (4)
Capstone seminar in which students demonstrate the ability to link theoretical knowledge and empirical evidence about a key criminal justice question to inform and improve public policy. Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): Approval of director of field services and student support.

CRJ 4996 - Independent Study and Research (2 OR 4)
Directed individual reading and research.
Prerequisite(s): permission of instructor.

CRJ 4997 - College Teaching Apprenticeship (2 OR 4)
Supervised participation in teaching an undergraduate course in criminal justice combined with readings and discussion of teaching objectives and methods appropriate for presentation of criminal justice curriculum. May be taken only once for credit toward a major.
Prerequisite(s): criminal justice major and permission of instructor.

## CRJ 4998 - Capstone Level Project (4)

Qualifies as a capstone experience in the major. Course content to be determined by instructor. Prerequisite(s): senior standing and permission of instructor.

SOC 1000 - Introduction to Sociology (4)
Introduction to the basic concepts of sociology relating to the study of people as participants in group life. Particular attention is given to culture, socialization and self development, social class, and major social institutions. Satisfies the university general education requirement in the social science knowledge exploration area. Satisfies the university general education requirement in U.S. diversity.

## SOC 2010 - Introduction to Methods of Social Research (4)

The collection, organization, analysis and interpretation of social data; elementary techniques of understanding and using quantitative evidence in sociological research.

Prerequisite(s): SOC 1000

SOC 2020 - Social Statistics with Computer Applications (4)
Introduction to social statistics emphasizing statistics and data analysis with the aid of computer-based statistical applications. Familiarizes students with the logic of behavioral statistics and the computation and interpretation of statistical analysis.

Prerequisite(s): SOC 1000 and SOC 2010

SOC 2100 - Self and Society (4)
Examines the reciprocal relationship between the individual and the group. Emphasizes the social roots of human nature, the self, social interaction, definitions of reality, socialization and social character.
Satisfies the university general education requirement in the social science knowledge exploration area.

SOC 2110 - Small Groups (4)
The study of small group relations and the informal understandings, codes and conventions that they generate. Considers dynamics of individuality, leadership, conformity and esprit de corps in a group setting.
Prerequisite(s): SOC 1000 or SOC 2200

SOC 2200 - Current Social Problems (4)
Presents sociological approaches to analyzing social problems. Particular attention is given to evaluation of the causes and consequences of social problems, as well as of their proposed solutions.

SOC 2210 - The Sociology of Deviance (4)
An overview of the sociology of deviance, including theoretical approaches, the social construction of deviance, and contemporary empirical research.
Prerequisite(s): SOC 1000 or SOC 2200

Examines social aspects of mental illness, such as impact of social inequalities, role of life stressors and supports, structures of confinement, self-help and human rights movements, narratives of experiences, trends of response to difference and distress.
Prerequisite(s): SOC 1000 or SOC 2200

SOC 3100 - Interpersonal Relationships (4)
Focuses on interdisciplinary research of social and personal relationships, concentrating on how scholars investigate relational phenomena; the development, maintenance and dissolution of relationships; relational or couple processes; and influences of networks, norms, gender, ethnicity and social structure. Prerequisite(s): SOC 1000 or SOC 2100

SOC 3110 - Human Sexuality (4)
Examines human sexuality from a societal and interpersonal context. Includes methodological and conceptual issues in the study of sexuality; socialization and control of sexuality; sexuality as a social process; the influence of culture, race, and gender; and the social aspects of biological issues. Identical with WGS 3830.
Prerequisite(s): SOC 1000 or SOC 2100 or WGS 1000 or WGS 3010

SOC 3200 - Population and Society (4)
Examines population change from a national and international perspective. Emphasizes how race, class, and gender influence migration, fertility, and mortality. Provides an overview of how social factors influence population characteristics and affect the social world. Identical with WGS 3860.
Prerequisite(s): SOC 1000 or SOC 2200 or WGS 1000

SOC 3210 - Sociological Perspectives on Aging (4)
Recent sociological perspectives on aging: topics include status of persons approaching and past retirement age, family and community roles and relations, and occupational and political participation. Prerequisite(s): SOC 1000 or SOC 2200

## SOC 3220 - Social Welfare Policies (4)

Survey of the development of social welfare programs in the U.S. and internationally. Issues related to the problems of poverty, policy analysis and program evaluation related to social welfare in the U.S. and other countries are examined. Identical with SW 3302. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): SOC 1000 or SW 2301

## SOC 3230 - Alcohol, Drugs and Society (4)

Overview of the sociology of substance use and abuse. Includes a review of sociological perspectives, social control of alcohol and drugs, descriptions of alcohol/drug behavior and treatment programs. Also explores ways in which substance abuse problems can be addressed by policy makers, health care professionals and practitioners in the field of substance abuse. Identical with CRJ 3300.

Prerequisite(s): CRJ 1100 or SOC 1000

SOC 3240 - Delinquency and Juvenile Justice (4)
Identical with CRJ 3223
Prerequisite(s): SOC 1000 or CRJ 2100

SOC 3400 - Sociology of Family (4)
A sociological perspective on families, with emphasis on how larger social forces such as laws, education, and the economy influence individual families and families as a social institution. Topics include families throughout history, dating, mate selection, marriage, divorce, family violence, and family policy. Identical with WGS 3813.
Prerequisite(s): SOC 1000 or SOC 2200 or WGS 1000

SOC 3410 - Family and Community Processes (4)
Introduction to theories, methods, and research on community sociology. Emphasis on prevention and intervention in the community setting. Provides conceptual foundation of the field with an overview of the integration of theory, research, and practice in individual, family and community processes. Identical to WGS 3811.
Prerequisite(s): SOC 1000 or SOC 2200 or WGS 1000

SOC 3420 - Sociology of Religion (4)
An analysis of the social components of religious experience, meaning and behavior; emphasis on the relationship between organized religions and other social institutions and such processes as conversion, commitment, sectarianism, accommodation and secularization.
Prerequisite(s): SOC 1000 or SOC 2200

SOC 3430 - Sociology of Health and Medicine (4)
The sociological study of medicine and the uses of sociology in medicine, definitions of health and illness, disease and death, health care occupations, medical malpractice, the organization of health services and trends in health and medicine. Identical to HS 3430.
Prerequisite(s): SOC 1000 or SOC 2200

SOC 3440 - Theories of Modern Organizations (4)
Emphasizes degree to which modern society is based upon formal organization. Topics include: theories of human organization, as well as the study of bureaucracies, features of organizations and the effects of organization on American culture.
Prerequisite(s): SOC 1000 or SOC 2200

SOC 3450 - Police and Society (4)
Identical with CRJ 3227
Prerequisite(s): CRJ 2100 or SOC 1000.

SOC 3460 - Law and Society (4)
Explores the concept of law and its expression in different societies and cultural contexts. The comparative development of legal institutions is studied in relationship to social structure. The organization of the legal system and profession is studied as related to the capacity of the law to affect behavior as an instrument of social control. Identical with AN 3230.
Prerequisite(s): SOC 1000 or SOC 2200 or AN 1111

SOC 3470 - Sociology of Education (4)
A sociological framework on education emphasizing history, theory, and practice of education in the United States. Explores theories and concepts dealing with schools and society.

Prerequisite(s): SOC 1000 or permission of instructor

## SOC 3600 - Social Stratification (4)

In-depth examination of social inequalities. Uses classical theoretical perspectives and contemporary empirical research to examine sources and consequences of resource disparities due to class, race, gender, and other sociological dimensions.
Prerequisite(s): SOC 1000 or SOC 2200

SOC 3610 - Racial and Ethnic Relations (4)
A study of racial, ethnic and religious groups, particularly those of the U.S., emphasizing their historical development, problems of adjustment and assimilation and contemporary problems and trends. Identical with AN 3127. Satisfies the university general education requirement in U.S. diversity. Satisfies the university general education requirement in the knowledge applications integration area.

Prerequisite for knowledge applications integration: completion of the general education requirement in the social sciences knowledge exploration area.
Prerequisite(s): SOC 1000 or SOC 2200 or AN 1111

## SOC 3620 - Sociology of Gender (4)

The social construction of femininity and masculinity through social interaction and social institutions. Focus on education, family, media, politics, economy, and sport. Identical with WGS 3814. Prerequisite(s): SOC 1000 or SOC 2200 or WGS 1000 or WGS 3030

SOC 3630 - Social Movements (4)
Examines the theoretical and empirical aspects of the origins, mobilization, organization, development and decline of social movements. Will focus on American, international and global social movements. Prerequisite(s): SOC 1000 or SOC 2200

## SOC 3640 - Urban and Community Sociology (4)

The social structure, culture and ecology of early and contemporary urban communities; institutional responses to the problems of modern urban life.

Prerequisite(s): SOC 1000 or SOC 2200

SOC 3650 - Gender and Work (4)
Research and theories on the role of gender in trends in employment, labor market opportunities, experiences, and rewards. Exploration of the gendered division of labor in society in both paid and unpaid work. Trends in household work and child care. Identical with WGS 3819.
Prerequisite(s): SOC 1000 or WGS 1000

SOC 3800 - Political Sociology (4)
Sociological factors that influence distribution of power within a society: political communication, maintenance of political consensus, the revolution process, the structure of political parties and the emergence of new states.
Prerequisite(s): SOC 1000 or SOC 2200

## SOC 3820 - Social Control of Mass Media (4)

The major sociological factors that control the informational content of the mass media; differences between the structures and processes of control in the print and electronic sectors of the media. Prerequisite(s): SOC 1000

SOC 3840 - Corrections and Rehabilitative Institutions (4)
Overview of prison and correctional systems in the U.S. Includes reviews of the historical development of corrections and current issues, including sentencing practices, overcrowding, race relations, budget constraints, AIDS and substance abuse. Explores ways in which these problems are addressed by criminal justice practitioners. Identical with CRJ 3224.
Prerequisite(s): CRJ 2100 or SOC 1000

SOC 3850 - Criminal Law and the Courts (4)
Identical with CRJ 3229.
Prerequisite(s): CRJ 2100 or SOC 1000.

SOC 3860 - The Surveillance Society (4)
Explores the development and significance of surveillance as a feature of modern society, how surveillance has changed over time with the development of new technologies, its presence in everyday life and different social institutions and contexts and the degree to which surveillance enhances social participation or social control in society. Identical with CRJ 3342.
Prerequisite(s): CRJ 1100 or SOC 1000

## SOC 3905 - Special Topics in Sociology (4)

Study of a special topic for which no regular course offerings currently exist. May be repeated for credit under different subtitle. May be used for approved course work taken during study abroad.

Prerequisite(s): sociology major or permission of instructor.

SOC 3930 - Field Experience in Sociology (4)

Field experience in sociology with faculty supervision. An academic project related to the departmental discipline that incorporates student performance in an occupational setting. May not be repeated for credit.
Prerequisite(s): junior/senior standing; 16 credits in sociology, of which at least 8 must be at the $3000 / 4000$ level, and permission of the instructor.

SOC 4000 - Sociological Theory (4)
Major theoretical foundations of sociology, including conceptual contributions of both classic and contemporary theorists. Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): SOC 1000 or SOC 2200

SOC 4800 - Queer Social Theory (4)
Analysis and overview of queer theories and their contribution to understanding the social construction of identity. Focus on the deconstruction of sexuality and the transgression of conventional gender identity and performance. Identical with WGS 4010.
Prerequisite(s): SOC 1000, WGS 1000, or WGS 3010

SOC 4950 - Internship in Sociology (2 OR 4)
Field placement and supervision of students in a community agency. Introduces interns to employment possibilities while they receive valuable field experience and build community contacts.
Prerequisite(s): sociology major and instructor permission.

SOC 4970 - Applying the Sociological Imagination (4)
Revisits themes in race, class, gender, and inequality to explore ways they can be applied beyond the institution of the university. Addresses practical skills related to careers that draw on the sociology degree. Restricted to sociology majors.
Prerequisite(s): SOC 2010, SOC 2020 or SOC 4000; SOC 4000 may be taken concurrent with SOC 4970

SOC 4996 - Independent Study and Research (2 OR 4)
Directed individual reading and research.
Prerequisite(s): permission of instructor.

SOC 4997 - College Teaching Apprenticeship (2 OR 4)
Supervised participation in teaching an undergraduate course in sociology, combined with readings and discussion of teaching objectives and methods appropriate for sociological presentation. May be taken only once for credit toward a major.
Prerequisite(s): senior sociology major and permission of instructor.

## Women and Gender Studies Program

Varner Hall, Room 217
371 Varner Drive
Rochester, MI 48309-4485
(248) 370-2154

Director: Ami Harbin (Philosophy)

Assistant Director: Erin A. Meyers (Communication and Journalism)

Women and Gender Studies Executive Committee: Amy DeBaets (OUWB Biomedical Sciences), Angineh Djavadghazaryans (Modern Languages and Literatures), Erin Dwyer (History), Rebecca Mercado Jones (Communication and Journalism), Sanela Martic (Chemistry), Michele Parkhill Purdie (Psychology)

Chief adviser: Ami Harbin (Philosophy)

Women and Gender Studies is an interdisciplinary field devoted to the study of the dynamics of gender, sex and power. Particular attention is given to differences among women in various social and cultural contexts, the representation of women in literature, art and the media, and the conditions that promote and impede women's progress. In addition, women and gender studies puts gender, what it means to be feminine or masculine, a man or a woman, at the center of the analysis. This includes questioning how gender shapes societal participation, privileges, statuses, and experiences. Women and gender studies uses feminist methodologies and theories to describe and analyze the impact of social movements, historical events, public policy and other social forces on women and men. Specific attention is given to how gender intersects with race-ethnicity, class, sex, sexual identity, national identity and religion.

## Program honors

To be a candidate for honors in women and gender studies, students must be graduating seniors who have taken a minimum of 20 credits of their women and gender studies major course work at Oakland University and have earned a minimum GPA of 3.60 in that coursework with an overall minimum GPA of 3.0.

## Additional information

PA 5500 and PA 6500 are graduate level courses open to undergraduate students with instructor, and women and gender studies director permission.

## Programs

- LGBTQ Studies Minor
- Women and Gender Studies Minor
- Women and Gender Studies, B.A.


## LGBTQ Studies Minor

The minor in LGBTQ (Lesbian, Gay, Bisexual, Transgender, Queer) studies combines historical, social science, interpersonal and institutional investigations of sexualities, sexual identities and gender identities in U.S. and global contexts. The minor provides an overview to the subject, a theoretical framework and hands-on experience in the form of internships as well as examinations into culture and institutions such as education. To earn a minor in LGBTQ Studies, students must complete a minimum of 20 credit hours as follows:

Core:
WGS 3010 - Introduction to LGBTQ Studies (4)
WGS 4010 - Queer Social Theory (4)
WGS 4931 - Field Experience in LGBTQ Studies (4)

8 credits from the following list:
WGS 3814 - Sociology of Gender (4) or SOC 3620 - Sociology of Gender (4)
WGS 3830 - Human Sexuality (4) or SOC 3110 - Human Sexuality (4)
WGS 3827 - Media, Gender and Sexuality (4) or COM 3606 - Media, Gender and Sexuality (4)
WGS 4810 - Sexual Orientation, Gender Identity and Education (4) or EST 5304 - Sexual Orientation, Gender Identity and Education (4)
CNS 3020 - Lesbian, Gay, Bisexual and Transgender Issues in Counseling (4)
COM 4602 - Sexuality and Communication (4)
Students may petition to have additional courses such as WGS 3900-Special Topics in Women and Gender Studies - count for the minor.

Note:
For students electing a major in Women and Gender Studies and a minor in LGBTQ, only 4 credits of course overlap between the two programs is allowed.

## Women and Gender Studies Minor

Requirements for a liberal arts minor in women and gender studies
To earn a minor in women and gender studies, students must complete a minimum of 20 credits in women and gender studies distributed as follows:
a. Core courses

WGS 1000 - Introduction to Women and Gender Studies (4) (minimum grade of $C$ required)
WGS 3020 - Feminist Theory (4) (minimum grade of C required)
WGS 3030 - Methods of Feminist Analysis (4)
b. Eight WGS elective credits at the 3000 level or above

Courses must be chosen from the list of WGS electives offered for the women and gender studies major.

## Women and Gender Studies, B.A.

Requirements for the liberal arts major in women and gender studies, B.A. program
The major requires a minimum of 40 credits in women and gender studies, distributed as follows:

## 1. Core courses

WGS 1000 - Introduction to Women and Gender Studies (4)
WGS 3020 - Feminist Theory (4)
WGS 3030 - Methods of Feminist Analysis (4)
WGS 4930 - Field Experience in Women and Gender Studies (4)
WGS 4020 - Women and Gender Studies Capstone Course (4)
Note
Students must earn a grade of at least C in both WGS 1000 and WGS 3020.
2. Five courses selected from

COM 3405 - Gender Communication (4)
COM 4203 - Women, Power, and Persuasion (4)
WGS 3010 - Introduction to LGBTQ Studies (4)
WGS 3810 - Global Women, Global Issues (4)
WGS 3811 - Family and Community Processes (4) or SOC 3410 - Family and Community Processes (4)
WGS 3812 - Women, Crime and Justice (4) or CRJ 3330 - Women, Crime and Justice (4)
WGS 3813 - Sociology of Family (4) or SOC 3400 - Sociology of Family (4)
WGS 3814 - Sociology of Gender (4) or SOC 3620 - Sociology of Gender (4)
WGS 3815 - Women's Lives in Cross-Cultural Perspective (4) or AN 3132 - Women's Lives in Cross-
Cultural Perspective (4)
WGS 3816 - Women in Early Modern Europe (4) or HST 3365 - Women in Early Modern Europe, 15001789 (4)
WGS 3817 - Gender Discrimination and the Supreme Court (4) or PS 3265-Gender Discrimination and the Supreme Court (4)
WGS 3818 - Women in Art (4) or AH 3720 - Women in Art (4)
WGS 3819 - Gender and Work (4) or SOC 3650 - Gender and Work (4)
WGS 3821 - History of American Families (4) or HST 3275 - History of American Families (4)
WGS 3822 - History of African-American Women (4) or HST 3285 - History of African-American Women (4)

WGS 3823 - Gender and Int'I Relations (4) or PS 3715 - Gender and Int'I Relations (4)
WGS 3824 - Psychology of Gender (4) or PSY 3460 - Psychology of Gender (4)
WGS 3825 - Women in China: Past and Present (4) or HST 3830 - Women in China: Past and Present (4)
WGS 3826 - Historical Archaeology (4) or AN 3560 - Historical Archaeology (4)
WGS 3827 - Media, Gender and Sexuality (4) or COM 3606 - Media, Gender and Sexuality (4)
WGS 3830 - Human Sexuality (4) or SOC 3110 - Human Sexuality (4)
WGS 3840 - The Life Course in Anthropological Perspectives (4) or AN 3130 - The Life Course in Anthropological Perspective (4)
WGS 3850 - Philosophy of Gender (4) or PHL 3100 - Philosophy of Gender (4)

WGS 3860 - Population and Society (4) or SOC 3200 - Population and Society (4)
WGS 3870 - Women and Politics (4) or PS 3210 - Women and Politics (4)
WGS 3880 - Women in Modern America (4) or HST 3265 - Women in Modern America (4)
WGS 3890 - Issues in Women's Health (4) or WHP 3250 - Issues in Women's Health (4)
WGS 3900 - Special Topics in Women and Gender Studies (4)
WGS 4010 - Queer Social Theory (4) or SOC 4800 - Queer Social Theory (4)
WGS 4810 - Sexual Orientation, Gender Identity and Education (4)
WGS 4995 - Directed Research in Women and Gender Studies (2 OR 4)
WGS 4900 - Advanced Topics in Women and Gender Studies (4)

Notes
At least 28 credits counted towards the major must be at the 3000 level or above.

To remain in good standing, students must complete all other courses in the major with a cumulative grade point average of at least 2.00.

Students using this catalog to meet women and gender studies major requirements may also use any course subsequently approved as satisfying requirements in the electives category (requirement \#2) and published in a later catalog.

For students electing a major in Women and Gender Studies and a minor in LGBTQ Studies, only 4 credits of course overlap between the two programs is allowed.

## Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Courses

WGS 1000 - Introduction to Women and Gender Studies (4)
Interdisciplinary and comparative overview of fundamental women and gender studies concepts and topics as they relate to history, culture, literature, economics, class, ethnicity, race, theories and methods. Satisfies the university general education requirement in the social science knowledge exploration area. Satisfies the university general education requirement in U.S. diversity.

WGS 3010 - Introduction to LGBTQ Studies (4)

Interdisciplinary and comparative overview of fundamental lesbian, gay, bisexual and transgender (LGBT) concepts as they relate to history, culture, literature, and theory. Particular focus on race, ethnicity, social class, and gender. Satisfies the university general education requirement in the social science knowledge exploration area.

WGS 3020 - Feminist Theory (4)
Overview of variations in feminist theory with emphasis on current social issues. Includes analysis of categories such as gender, sexual identity, race/ethnicity and class.
Prerequisite(s): WGS 1000

WGS 3030 - Methods of Feminist Analysis (4)
Explores how connections among epistemologies, methodologies and research methods are formed in traditional disciplines. Feminist critiques of these epistemologies. Introduction to feminist critiques of research and to a range of research methods utilized by feminist scholars.
Prerequisite(s): WGS 1000

WGS 3810 - Global Women, Global Issues (4)
Examines lives of women in a global perspective. Takes an intersectional perspective that views gender, sex, race, nationality, ethnicity, religion and sexual orientation as influencing life opportunities. Focus on issues of health, war, religion, education, global economy and development. Satisfies the university general education requirement in the global perspective knowledge exploration area or the social science knowledge exploration area, not both.

WGS 3811 - Family and Community Processes (4)
Identical with SOC 3410.
Prerequisite(s): SOC 1000 or SOC 2200 or WGS 1000

WGS 3812 - Women, Crime and Justice (4)
Identical with CRJ 3330.
Prerequisite(s): CRJ 1100 or WGS 1000

WGS 3813 - Sociology of Family (4)
Identical with SOC 3400.
Prerequisite(s): SOC 1000 or SOC 2200 or WGS 1000

WGS 3814 - Sociology of Gender (4)
Identical with SOC 3620.
Prerequisite(s): SOC 1000 or SOC 2200 or WGS 1000 or WGS 3030

WGS 3815 - Women's Lives in Cross-Cultural Perspective (4)
Identical with AN 3132.
Prerequisite(s): AN 1111 or WGS 1000

WGS 3816 - Women in Early Modern Europe (4)
Identical with HST 3365.
Prerequisite(s): WRT 1060

WGS 3817 - Gender Discrimination and the Supreme Court (4)
Identical with PS 3265.

WGS 3818 - Women in Art (4)
Identical with AH 3720.
Prerequisite(s): AH 1002 or WGS 1000

WGS 3819 - Gender and Work (4)
Identical with SOC 3650.
Prerequisite(s): SOC 1000 or WGS 1000

WGS 3821 - History of American Families (4)
History of American families as social institutions, emphasizing the impact of historical events and trends upon family composition, family functions and family life. Includes research in the student's personal family history. Identical with HST 3275. Satisfies the university general education requirement in U.S. diversity.
Prerequisite(s): WRT 1060

WGS 3822 - History of African-American Women (4)
Identical with HST 3285. Satisfies the university general education requirement in U.S. diversity.
Prerequisite(s): WRT 1060

WGS 3823 - Gender and Int'I Relations (4)
Identical with PS 3715.

WGS 3824 - Psychology of Gender (4)
Identical with PSY 3460.
Prerequisite(s): PSY 1000 with a grade of (C) or higher.

WGS 3825 - Women in China: Past and Present (4)
Identical with HST 3830.
Prerequisite(s): WRT 1060 or equivalent with a grade of (C) or higher.

WGS 3826 - Historical Archaeology (4)
Identical with AN 3560. Satisfies the university general education requirement in the knowledge applications integration area. Prerequisite for knowledge applications integration: completion of the university general education requirement in the social science knowledge exploration area. Satisfies the university general education requirement in U.S. diversity.

Prerequisite(s): AN 1511 or AN 1111

WGS 3827 - Media, Gender and Sexuality (4)
Identical with COM 3606.

WGS 3830 - Human Sexuality (4)
Identical with SOC 3110.
Prerequisite(s): SOC 1000 or SOC 2100

WGS 3840 - The Life Course in Anthropological Perspectives (4)
Identical with AN 3130.

WGS 3850 - Philosophy of Gender (4)
Identical with PHL 3100.
Prerequisite(s): WRT 1060 and one course in philosophy or one course in women and gender studies.

WGS 3860 - Population and Society (4)
Identical with SOC 3200
Prerequisite(s): SOC 1000 or SOC 2200

WGS 3870 - Women and Politics (4)
Identical with PS 3210.

WGS 3880 - Women in Modern America (4)
Identical with HST 3265. Satisfies the university general education requirement in U.S. diversity.
Prerequisite(s): WRT 1060

WGS 3890 - Issues in Women's Health (4)
Examines medical, sociological, political and financial aspects of women's health issues. Includes an historical look at women's health in the U.S., the roles women have played in health care and the roles of women as health care providers. Identical with WHP 3250.

WGS 3900 - Special Topics in Women and Gender Studies (4)
Topics vary from year to year. May be repeated for additional credit under different subtitles.

WGS 4010 - Queer Social Theory (4)
Identical with SOC 4800.
Prerequisite(s): SOC 1000, WGS 1000, or WGS 3010

WGS 4020 - Women and Gender Studies Capstone Course (4)
Provides students the opportunity to integrate their theoretical and practical work in women and gender studies. Students examine a subject using critical analysis and methodological skills, and
demonstrate their abilities through class discussion, presentations and critical writing assignments. Satisfies the university general education requirement for the capstone experience. Satisfies the university general education requirement for a writing intensive course in the major. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): junior or senior standing. 16 credits in women and gender studies courses including WGS 3020 and WGS 3030 or approval of women and gender studies director.

WGS 4810 - Sexual Orientation, Gender Identity and Education (4)
Examines the intersections of sexual orientation, gender identity and education from multiple perspectives. Analyzes current law and educational policy as they relate to lesbian, gay, bisexual and transgender students and families and introduces essentialist and constructivist concepts of sexuality. Immersion/service project required for 4 credits. Satisfies the university general education requirements in U.S. Diversity. Satisfies the university general education requirement for a writing intensive course in general education. Prerequisite for writing intensive: completion of the university writing foundation requirement.

WGS 4900 - Advanced Topics in Women and Gender Studies (4)
Course content varies. Representative topics include research methods in women and gender studies.

WGS 4930 - Field Experience in Women and Gender Studies (4)
Field experience in women and gender studies with faculty supervision. An academic project involving field work or community activism around an issue of importance in women and gender studies. May not be repeated for credit.
Prerequisite(s): junior/senior standing. Minimum of 16 credits in the major including WGS 3020, WGS 3030 or approval of women's studies director.

WGS 4931 - Field Experience in LGBTQ Studies (4)
Field experience in LGBTQ studies with faculty supervision. An academic project involving field work or community activism. May not be repeated for credit.
Prerequisite(s): junior or senior standing; WGS 3010 and WGS 4010 or approval of program director.

WGS 4995 - Directed Research in Women and Gender Studies (2 OR 4)
Directed individual study and advanced scholarly research in women and gender studies. Prerequisite(s): Approval of faculty adviser and women and gender studies director.

## Department of Writing and Rhetoric

## Chairperson: Lori Ostergaard

Professors emeriti: Wallis May Andersen, Barbara Hamilton, Alice S. Horning, Margaret Pigott, Ronald A. Sudol

Professor: Lori Ostergaard

Associate professors: Elizabeth G. Allan, Greg Giberson, Marshall W. Kitchens, Jim Nugent, Josephine Walwema

Assistant professors: Felicita Arzu Carmichael, Roger Chao, Felicia Chong, David Hammontree, Megan Schoen, Crystal VanKooten

Special instructors: Bernadette Dickerson, Kasia G. Kietlinska

Special lecturers: Glen Armstrong, Reema Barlaskar, Benjamin Bennett-Carpenter, Allison Bohn, Marilyn Borner, Karen Brehmer, Matthew Burkett, Jennifer Coon, Charin Davenport, Jason Dodge, Colleen Doyle, Matthew Ferguson, Emily Francis, Emily Freeman, John Freeman, Charlie Gragg, Christina Hall, Tara Hendin, Lisa Hine, Jenna Katz, Laura Klein, Amanda Laudig, Kathleen Lawson, Cindy Mooty, Donatella Perfetto, Cornelia Pokrzywa, Leba Rautbort, Jessica Rico, Lauren Rinke, Rebecca Rivard, Cathy Rorai, William Rouster, Sheryl Ruszkiewicz, Craig Smith, Melissa St. Pierre, Michaele Tomrell, Jason Torrente

Lecturers: Sherry Wynn Perdue

Chief adviser: Jim Nugent

## Major and Minor Programs

Students of writing and rhetoric gain practical experience writing within academic, workplace, and digital contexts. The department offers a minor in writing and rhetoric a major in writing that prepare students for careers in technical writing, editing, social media, web design, and digital media production. The writing and rhetoric major also prepares students for graduate study and careers in higher education, law, and other fields.

## First-Year Writing

The department's first-year writing program helps students to develop fundamental skills in producing and understanding written texts, to gain fluency in writing for a variety of audiences and situations, and to become critical readers and skilled writers of print, digital, and visual texts.

## Writing Foundations

Most students satisfy the university general education requirement in the writing foundations area by completing WRT 1060 with a grade of C or higher. Please consult the Writing Requirements section in the general education area of the catalog for alternate ways of fulfilling this requirement.

## Placement

The SAT score is the main mechanism used to place students in the writing foundations course (WRT 1060), and in any courses that students might need as a prerequisite to WRT 1060 as follows:

SAT Writing or Evidence-based Reading and Writing score of 620-800 (or ACT equivalent) or higher place students in WRT 1060 Composition II.
SAT Writing or Evidence-based Reading and Writing score of 410-610 (or ACT equivalent) place students in WRT 1050 Composition I.
SAT Writing or Evidence-based Reading and Writing score of 200-400 (or ACT equivalent) or below place students in WRT 1020 Basic Writing.

Placement by test scores does not yield any course credit regardless of where students are placed.

Students with questions about placement in first year writing should consult the Department of Writing and Rhetoric, 378 O'Dowd Hall, 248-370-2746, prior to the beginning of the semester in which they plan to enroll in first year writing. Students are responsible for knowing registration deadlines and understanding the implications of schedule changes for their financial aid.

## Departmental Honors

Writing and Rhetoric majors with a combined GPA of 3.6 in courses taken within the major may qualify for departmental honors.

## Programs

- Writing and Rhetoric Minor
- Writing and Rhetoric, B.A.


## Writing and Rhetoric Minor

Requirements for the liberal arts minor in writing and rhetoric
To earn a minor in writing and rhetoric, students must complete a minimum of 20 credits at the 2000 level or above. Only courses in which the student has earned a grade of C or higher may be counted toward the writing and rhetoric minor.

1. Required courses - 8 credits
a. One course from the following:

WRT 2060 - Introduction to Writing Studies (4)
WRT 2070 - Introduction to Writing for Digital Media (4)
WRT 2080 - Introduction to Professional Writing (4)
b. One course from the following:

WRT 3010 - Contemporary Issues in Writing and Rhetoric Studies (4)
WRT 3020 - History of Rhetoric (4)
WRT 3030 - Literacy, Technology, and Civic Engagement (4)
2. Twelve credits from additional WRT courses at the 2000 level or above

## Note

Students using this catalog to meet writing and rhetoric minor requirements may also use any course subsequently approved as satisfying requirements in a particular group and published in a later catalog.

## Writing and Rhetoric, B.A.

Requirements for the liberal arts major in writing and rhetoric, B.A. program
The major in writing and rhetoric requires a minimum of 40 credits in writing and rhetoric courses. Only courses in which the student has earned a grade of at least $C$ or higher may be counted toward the writing and rhetoric major.

## 1. Sixteen credits of required courses:

WRT 3010 - Contemporary Issues in Writing and Rhetoric Studies (4)
WRT 3020 - History of Rhetoric (4)
WRT 3030 - Literacy, Technology, and Civic Engagement (4)
Plus one of the following courses:
WRT 2060 - Introduction to Writing Studies (4)
WRT 2070 - Introduction to Writing for Digital Media (4)
WRT 2080 - Introduction to Professional Writing (4)
2. Twenty credits from the following courses:

WRT 2065 - Advanced Writing: Art of Persuasion (4)
WRT 2088-Technical Writing
WRT 3060 - Global Rhetorics (4)
WRT 3062 - Writing Center Studies and Tutoring Practice (4)
WRT 3063 - Writing with the Community (4)
WRT 3064 - Writing About Culture: Ethnography (4)
WRT 3070 - Digital Identity and Culture (4)
WRT 3071 - Podcasting (4)
WRT 3072 - Rhetoric of Web Design (4)
WRT 3073 - Digital Storytelling (4)
WRT 3074 - Rhetoric and Video Games (4)

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WRT 3081 - Science Writing (4)
WRT 3082 - Business Writing (4)
WRT 3083 - Editing (4)
WRT 3086 - Workshop in Creative Non-Fiction (4)
WRT 3900 - Special Topics in Writing Studies (2 OR 4)
WRT 4060 - Teaching College Writing (4)
WRT 4061 - Writing Across the University: Language and Disciplinary Culture (4)
WRT 4086 - Advanced Creative Nonfiction (4)
WRT 4908 - Special Topics in Professional Writing (4)
WRT 4997 - College Teaching Apprenticeship (2 OR 4)
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3. Senior capstone course:

WRT 4998 - Capstone (4)

## Note

Students using this catalog to meet the writing and rhetoric major requirements may also use any course subsequently approved as satisfying requirements elective categories and published in a later catalog.

## Additional Information

In addition to these major requirements, students must complete the Oakland University General Education Requirements, the College of Arts and Sciences College Exploratory Requirement, and an appropriate number of free elective classes to meet the overall credit requirement for the degree (in most cases 124; some degrees may require a greater number).

As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## Courses

WRT 1000 - Supervised Study (1 OR 2)
Tutorial instruction in areas mutually agreed upon by student and instructor such as independent or academic writing projects. May be taken concurrently with other rhetoric courses (seven weeks or 14 weeks). May be repeated for up to 8 credits. Graded S/U.

WRT 1020 - Basic Writing (4)
Developing writing skills including idea generation and invention, organizational strategies and conventional usage in expository prose. Emphasis on developing fluency and effective writing processes. May be repeated once for additional credit. Graded S/U.
Corequisite(s): WRT 1000 if recommended by instructor after first class meeting.

WRT 1040 - Critical Thinking and Reading (4)
Analysis of main ideas and organizational patterns used in academic texts, synthesis of different passages for readers' own purposes, and evaluation of written and digital materials, focusing on nonfiction prose. Emphasis on developing flexible reading skills for personal and professional use.

WRT 1050 - Composition I (4)
Emphasizes the rhetorical and stylistic demands of college writing through focus on experiential, analytical, and expressive writing. Students learn to generate, organize and develop their ideas and to make choices as writers that are appropriate to the rhetorical situation. A grade of (C) or higher must be achieved to advance to WRT 1060.
Prerequisite(s): Placement by ACT English score, or WRT 1020 with a grade of (C) or higher.

WRT 1060 - Composition II (4)
Methods of writing and research including the use of rhetorical strategies and synthesis of scholarly sources to create academic arguments. Emphasizes processes of writing and revision with a focus on information literacy, critical thinking, and effective communication in diverse rhetorical contexts. A grade of $(C)$ or higher must be achieved to satisfy the university general education requirement in the writing knowledge foundation area.
Prerequisite(s): WRT 1050 with a grade of (C) or higher or placement.

WRT 2060 - Introduction to Writing Studies (4)
Survey of composition-rhetoric as an academic discipline, including an examination of the history, theory, research, curricula, and practices associated with composition-rhetoric in the university. Prerequisite(s): Completion of the university writing foundation requirement.

WRT 2065 - Advanced Writing: Art of Persuasion (4)
Students will read and write about and within increasingly complex rhetorical situations within chosen themes. Themes provide opportunity to explore new and emerging genres and contexts for writing, while gaining insight and experience with the importance of writing for various parts of society.
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 2070 - Introduction to Writing for Digital Media (4)
Introduction to the rhetorical, ethical, stylistic, and technical principles of digital composition and web authoring.
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 2080 - Introduction to Professional Writing (4)
Introduction to the field of professional writing. Examines the theories, practices, technologies, and ethics of professional writing in the workplace.
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 2088 - Technical Writing (4)

An introduction to writing within technical and professional contexts. Focuses on the writing process, research methods, genres of technical writing, and professional ethics. Satisfies the university general education requirement in the knowledge applications integration area: Prerequisite for knowledge applications: completion of the university writing foundation requirement. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement. Prerequisite(s): WRT 1060 or equivalent.

WRT 3010 - Contemporary Issues in Writing and Rhetoric Studies (4)
Introduction to important past and present issues in the field of writing and rhetoric. Provides a theoretical and historical foundation for understanding current issues, changes, and challenges for the discipline. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.

WRT 3020 - History of Rhetoric (4)
Examination of major Western rhetoricians and their cultural contexts. Considers the classical roots of modern rhetoric and the influences of rhetoric in other disciplines. Satisfies the university general education requirement in the knowledge application integration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite(s): Completion of the university writing foundation requirement.

WRT 3030 - Literacy, Technology, and Civic Engagement (4)
Exploration and application of technology in the discipline of writing and rhetoric. Examines the uneven shifts from oral to print to digital literacy, and how those shifts affect the production of knowledge, social relationships, and opportunities for civic engagement. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.

WRT 3060-Global Rhetorics (4)
Traces the contemporary and historical uses of rhetoric and written communication in non-Western cultures. Examines contemporary rhetorical contexts worldwide, including in education, professional writing, and political discourse. Satisfies the university general education requirement in the global perspective knowledge exploration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both.
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 3062 - Writing Center Studies and Tutoring Practice (4)
Peer tutoring theories and pedagogies, and practical experience in teaching. Work divided between classroom and tutoring assignments. Particularly valuable for majors in the humanities, education, psychology, human services and related fields. Satisfies the university general education requirement in
the knowledge applications integration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both.
Prerequisite(s): A grade of (B) or better in WRT 1060 or its equivalent.

WRT 3063 - Writing with the Community (4)
Focus on the development of writing skills applicable in a community service context, including writing a variety of genres and applying academic research skills to community issues and problems. Community service work required through local agencies or student-initiated organizational contact.
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 3064 - Writing About Culture: Ethnography (4)
Development of analytic and collaborative writing skills in the context of ethnographic study. Emphasis on written analysis in a variety of forms including case study analysis and ethno-methodological investigation. Appropriate advanced writing experience for majors in communication, psychology, anthropology, sociology and political science. Satisfies the university general education requirement in the knowledge applications integration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Satisfies the university general education requirement in U.S. diversity.
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 3070 - Digital Identity and Culture (4)
Examination of the rhetoric and ethics of internet technology and culture. Introduces theories of digital culture and its effects on both on-line and actual identities and communities, especially in relation to ethnicity, gender, class, physical ability, and sexual orientation. Includes individual and collaborative analysis and construction of Web projects. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Satisfies the university general education requirement in U.S. diversity.
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 3071 - Podcasting (4)
Explores the rhetorical, ethical, and technical principles of creating personal and ethnographic essays and oral histories for digital audio distribution.

Prerequisite(s): completion of the university writing foundation requirement.

WRT 3072 - Rhetoric of Web Design (4)
An intermediate course in the rhetorical, ethical, stylistic, and technical principles of web design. Applies the rhetorical principles and research methods learned in the prerequisite courses to the effective production of web documents.
Prerequisite(s): completion of the university writing foundation requirement.

WRT 3073 - Digital Storytelling (4)

Explores the rhetorical, ethical, stylistic and technical principles of creating personal, observational, and ethnographic narratives through visual and digital productions - slide shows, graphic-intensive web sites, posters, flip books, and comics.
Prerequisite(s): Completion of the university writing foundation requirement.

WRT 3074 - Rhetoric and Video Games (4)
Introduction to the rhetorical, ethical, stylistic, and technical principles of video games and gaming culture. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.

## WRT 3081 - Science Writing (4)

Writing to diverse audiences about scientific and technological subjects for a variety of persuasive contexts. Satisfies the university general education requirement for a writing intensive course in general education.

Prerequisite(s): completion of the university writing foundation requirement.

WRT 3082 - Business Writing (4)
Instruction in the theory and practice of written, visual, and digital rhetoric within business contexts. Satisfies the university general education requirement for a writing intensive course in general education and knowledge applications integration area.

Prerequisite(s): Completion of the university writing foundation requirement.

WRT 3083 - Editing (4)
Theory and practice of editing within professional contexts.
Prerequisite(s): Completion of the university writing foundation requirement.

## WRT 3086 - Workshop in Creative Non-Fiction (4)

Creative writing workshop with emphasis on stories of real life, balancing artistry and accuracy. May include personal essay, autobiography or travel literature. Satisfies the university general education requirement in the knowledge applications integration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both.
Prerequisite(s): Completion of the writing foundation requirement.

WRT 3900 - Special Topics in Writing Studies (2 OR 4)
Special topics in composition and rhetoric. May be repeated under different subtitles. Prerequisite(s): Completion of the university writing foundation requirement.

WRT 4060 - Teaching College Writing (4)
Examination of and practice in instructional techniques and research in writing pedagogy, and such related issues as assessment and classroom workshops.
Prerequisite(s): Junior standing and WRT 3062 or permission of instructor.

WRT 4061 - Writing Across the University: Language and Disciplinary Culture (4) Interdisciplinary examination of diverse strategies for writing and research in the humanities, social sciences and natural sciences. Introduces theories of language as social and cultural action. Students build upon prior knowledge and increase their effectiveness as writers and researchers. Includes individual, collaborative, and field-based research projects. Satisfies the university general education requirement in the knowledge applications integration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite(s): Junior standing. completion of the university writing foundation requirement.

## WRT 4086 - Advanced Creative Nonfiction (4)

Advanced workshop in creative nonfiction with emphasis on writing for publication.
Prerequisite(s): WRT 3086 or permission of instructor.

WRT 4908 - Special Topics in Professional Writing (4)
Advanced writing instruction in specific genres such as legal writing, medical writing, and grant writing. Satisfies the university general education requirement in the knowledge applications integration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for knowledge applications integration and writing intensive: completion of the university writing foundation requirement.

WRT 4996 - Independent Study (1 TO 4)
Special research projects in writing and/or teaching writing. Approved course of study and an authorization form, signed by a faculty member willing to supervise the study, must be submitted to the department the term prior to the term the independent study is taken. May be repeated for up to 8 credits. Satisfies the university general education requirement in the knowledge applications integration area. Satisfies the university general education requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive and knowledge applications: completion of the university writing foundation requirement. Prerequisite(s): One 3000 level writing/rhetoric course and permission of instructor.

WRT 4997 - College Teaching Apprenticeship (2 OR 4)
Assisting in teaching an undergraduate course in rhetoric. Includes discussions with the supervising faculty member on the principles, methods and problems of such teaching. May be taken for a total of 4 credits.
Prerequisite(s): Senior standing. WRT 4060 and two additional 3000-4000 level WRT courses. WRT 4060 may be taken concurrently.

## WRT 4998 - Capstone (4)

Capstone experience developed in consultation with the instructor based on student interests and professional goals. Projects can include both internal and external internship experiences, research assistantships, or thesis projects. May be repeated once in a different setting. Satisfies the university general education requirement for the capstone experience. Satisfies the university general education
requirement for a writing intensive course in general education or the major, not both. Prerequisite for writing intensive: completion of the university writing foundation requirement.
Prerequisite(s): Declared writing major, junior or senior standing, and permission of instructor.

## English as a Second Language Institute (ESL)

328A O'Dowd Hall
(248) 370-4164

## Director: Melissa Vervinck

The English as a Second Language Institute offers classes in English as a Second Language (ESL) to help individuals improve English language skills (speaking, accent reduction, listening comprehension, reading, writing and vocabulary development). These courses are intended for university students, faculty and staff as well as international students, business personnel and other individuals. These classes can be taken as continuing education classes (CEU) or for credit. Students should contact the English as a Second Language Institute for additional information. Information about Oakland University's English Proficiency Policy can be found on their website.

These courses cannot be used to satisfy any portion of the university requirement in writing proficiency. No more than 16 credits in courses numbered 0400-0999 may count toward graduation requirements. Eight course levels are offered, with each level including listening and speaking, reading, writing, and test preparation skill building.

## Courses

ESL 0117 - Level 1 Listening and Speaking (4)
For non-native speakers of English. To aid in the development of fundamental English proficiency skills so students will be able to communicate very simple spoken commands and understand simple directions in English.
Prerequisite(s): placement.

## ESL 0118 - Level 1 Reading and Vocabulary Development (4)

For non-native speakers of English only. Designed to build fundamental English proficiency skills in phonics, vocabulary, and comprehension of text in English.

Prerequisite(s): placement.

## ESL 0119 - Level 1 Writing and Sentence Structure for Academic Purposes (4)

For non-native speakers of English only. Designed to build fundamental grammar skills in written English so that students can construct simple sentences.

Prerequisite(s): placement.

ESL 0227 - Level 2 - Listening and Speaking (4)
For non-native speakers only. To aid students in developing general listening and speaking skills through guided conversational practice. Students will be instructed in appropriate conversational techniques and will practice in group discussions.
Prerequisite(s): ESL 0117 with a grade of (B-) or higher or placement.

ESL 0228 - Level 2 - Reading and Vocabulary Development (4)
For non-native speakers only. Designed to help students develop general-purpose reading skills and strategies. Emphasis on vocabulary development, phonics and fundamental reading strategies for comprehending text.
Prerequisite(s): ESL 0118 with a grade of (B-) or higher or placement.

ESL 0229 - Level 2 - Writing and Technology (4)
For non-native speakers only. Practice in the development of fundamental computer literacy, typing, and writing skills utilizing technology.

Prerequisite(s): ESL 0119 with a grade of (B-) or higher or placement.

## ESL 0337 - Level 3 - Conversation Skills (4)

For non-native speakers only. Guides students towards differentiating aurally between the vowels, consonants, stress, rhythm and intonation patterns of spoken American English. Through structured conversation students will be introduced to expressions as encountered in everyday communicative situations.
Prerequisite(s): ESL 0227 with a grade of (B-) or higher or placement.

ESL 0338 - Level 3 - Reading and Vocabulary Development (4)
For non-native speakers only. Designed to help students develop reading skills and strategies for academic purposes. Emphasis on decoding and comprehension strategies with an emphasis on word formation techniques in English.
Prerequisite(s): ESL 0228 with a grade of (B-) or higher or placement.

## ESL 0339 - Level 3 - Writing Fluency (4)

For non-native speakers only. Designed for students of ESL to improve basic writing skills in English with an emphasis on writing fluency and organizational techniques.
Prerequisite(s): ESL 0229 with a grade of (B-) or higher or placement.

ESL 0447 - Level 4 - Intro to American Culture and Customs (4)
For non-native speakers only. Introduction to the environment and culture of the United States.
Students will participate in specific listening and speaking tasks supported with additional reading and writing tasks, as they relate to practical cultural information.
Prerequisite(s): ESL 0337 with a grade of (B-) or higher or placement.

ESL 0448 - Level 4- Reading and Vocabulary (4)
For non-native speakers only. Designed to help students develop reading skills and strategies for academic purposes. Emphasis on comprehension and retention strategies.
Prerequisite(s): ESL 0338 with a grade of (B-) or higher or placement.

ESL 0449 - Level 4 - Writing and Technology (4)
For non-native speakers only. Practice in the development of intermediate computer literacy, typing, and writing skills utilizing technology.
Prerequisite(s): ESL 0339 with a grade of (B-) or higher or placement.

ESL 0557 - Level 5 - Listening and Speaking for Academics (4)
For non-native speakers only. To introduce students to the necessary listening and speaking skills for an academic environment. Focus will be on listening and speaking in a variety of class settings (lecture, seminar, discussion) and will include note-taking and subject comprehension.
Prerequisite(s): ESL 0447 with a grade of (B-) or higher or placement.

## ESL 0558 - Level 5 - Reading and Vocabulary Development (4)

For non-native speakers only. Focus on developing reading comprehension skills and strategies and to develop critical thinking skills while increasing receptive vocabulary skills.
Prerequisite(s): ESL 0448 with a grade of (B-) or higher or placement.

ESL 0559 - Level 5 - Application of Grammar Skills in Process Writing (4)
For non-native speakers only. An intensive study and application of grammatical structures to strengthen voice, syntax, and cohesion in writing for a variety of academic purposes.
Prerequisite(s): ESL 0449 with a grade of (B-) or higher or placement.

ESL 0567 - Topics in English as a Second Language II (2 OR 4)
For non-native speakers only. An intensive study of intermediate topics in English as a Second Language such as the development of fluency with simple grammatical structures through reading, writing, speaking and listening. May be repeated for up to 12 credits.
Prerequisite(s): will vary with topic.

## ESL 0577 - Topics in English as a Second Language III (2 OR 4)

For non-native speakers only. An intensive study of advanced topics in English as a Second Language such as the development of fluency with complex grammatical structures through reading, writing, speaking and listening. May be repeated for up to 12 credits.
Prerequisite(s): will vary with topic.

## ESL 0667 - Level 6 - Conversation Skills: Pronunciation (4)

For non-native speakers only. Provides students with structured conversation, study and practice. Designed for effective communication with native speakers of English in a variety of diverse settings
with a focus on academic environments. Pronunciation of the vowels, consonants, stress, rhythm and intonation patterns of American English will be emphasized.

Prerequisite(s): ESL 0557 with a grade of (B-) or higher or placement.

ESL 0668 - Level 6 - Reading and Vocabulary Development (4)
For non-native speakers only. Designed to help students develop reading skills and strategies for academic purposes. Emphasizes critical analysis, handling heavy reading loads and developing appropriate technical vocabularies.
Prerequisite(s): ESL 0558 with a grade of (B-) or higher or placement.

ESL 0669 - Level 6 - Writing for Academic Purposes (4)
For non-native speakers only. Improving basic knowledge of paragraph structure, linear sequencing and grammatical structures used in writing. Introduction and use of the writing process: brainstorming, writing, revision, self/peer editing, proofreading.
Prerequisite(s): ESL 0559 with a grade of (B-) or higher or placement.

ESL 0777 - Level 7 - Listening and Speaking for Academics (4)
For non-native speakers only. Guides students toward mastery of the skills necessary to succeed in the academic setting. Focus is on student demonstration of their ability to communicate and understand English effectively in a variety of academic situations such that they are prepared for integration into general education courses.
Prerequisite(s): ESL 0667 with a grade of (B-) or higher or placement.

ESL 0778 - Level 7 - Reading and Vocabulary Development (4)
For non-native speakers only. Designed to help students refine reading skills and strategies for academic purposes. Emphasizes critical analysis and close reading skills.
Prerequisite(s): ESL 0668 or ESL 0780 with a grade of (B-) or higher or placement.

ESL 0779 - Level 7 - Academic Writing (4)
For non-native speakers only. Practice in the development of advanced computer literacy, typing, and writing skills utilizing technology. Combines extensive practice in process writing for a variety of audiences and purposes (e.g., lab reports, essays and research reports) with an emphasis on developing fluency.
Prerequisite(s): ESL 0669 with a grade of (B-) or higher or placement.

## ESL 0780 - Level 7 - Test Prep (4)

For non-native speakers only. Preparation for successful performance on English language proficiency tests for ESL students. Students will learn specific test-taking strategies while improving their skills in reading, writing, speaking, and listening in English.
Prerequisite(s): ESL 0669 with a grade of (B-) or higher or placement.

ESL 0887 - Level 8 - Listening and Speaking: English for Academic Success (4)

For non-native speakers of English. Emphasis on improving presentation skills, particularly pronunciation, and on addressing issues relevant to graduate student success.
Prerequisite(s): ESL 0777 or ESL 0780 with a grade of (B-) or higher or placement.

ESL 0888 - Level 8 - Reading and Vocabulary for Research (4)
For non-native speakers only. Designed to aid graduate students with the tasks of reading and comprehending substantive research papers or theses. Emphasis will be on critical thinking skills and vocabulary development.
Prerequisite(s): ESL 0778 with a grade of (B-) or higher or placement.

ESL 0889 - Level 8 - Academic Writing for Research Purposes (4)
For non-native speakers only. Designed to aid graduate students with the tasks of writing substantive research papers or thesis.
Prerequisite(s): ESL 0779 or ESL 0780 with a grade of (B-) or higher or placement.

## ESL 1010 - American Cultures, Customs, and Language Exploration (4)

Introductory course to prepare students for academic success at an American university. Students will explore American campus culture, learn about a variety of student success services, and develop academic success strategies and skills to help navigate and prepare for general education courses.

## ESL 1579 - Independent Study in English as a Second Language (2 OR 4)

For non-native speakers only. Provides students with the opportunity to design a course of study that meets their particular English language needs. May be repeated for up to 12 credits. Prerequisite(s): permission of instructor.

## Other College of Arts and Sciences Academic Options and Concentrations

The minors, concentrations and programs offered in this section are interdisciplinary in nature and are attractive additions to many degree programs in the university. They are available to all students in the university. A student wishing to pursue any of these minors, concentrations and programs should consult with the coordinator listed with each program and should file a Concentration/ Minor Authorization Form where appropriate or contact the College of Arts and Sciences (CAS) or Advising. As a general rule, no more than 8 credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

- Addiction Studies Concentration
- American Studies Concentration
- Archaeology Concentration
- Environmental Studies Concentration
- French Studies Concentration
- Gerontology Concentration
- Pre-Law Studies
- Pre-Medical Studies
- Pre-Medical Studies: Medicine, Dentistry, Optometry and Veterinary Medicine Concentration
- Religious Studies Concentration
- Urban Studies Concentration


## Minors in Computer Science, Computing, and Information Technology

The School of Engineering and Computer Science offers the following three minors, which are available to students in the College of Arts and Sciences.

The Computer Science Minor is suitable for students with majors in engineering, mathematics, physics, chemistry or biology, who may wish to emphasize numerical, scientific and engineering aspects of computing.

The Computing Minor and Information Technology Minor are suitable for students with majors in English, history, modern languages, philosophy, psychology, sociology or anthropology, who may wish to take courses that emphasize non-numerical and symbolic data processing aspects of computing and information technology.

With a major in economics, a student may wish to take courses oriented toward application of computers in management data processing.

## Liberal Arts Minor in Science

Science Minors - Two and Three requires at least 27 credits for the two-science minor, or 29 credits for the three-science minor, selected from courses in biological sciences, chemistry and physics.

Students who elect a single discipline minor in either biology, chemistry or physics are not eligible for the science minor, nor are students who are majoring in biochemistry, biology, chemistry, computer science, engineering, environmental science, industrial health and safety, medical physics, medical technology, nursing, physical therapy or physics.

## Religious Studies

Working with the program director, students may construct a 40-credit course of study to major in Religious Studies. The Independent Major may build upon and extend beyond the Religious Studies Concentration, while incorporating the particular interests of each participating student. The Independent Major may not be pursued conjointly with any of the three minor fields of study; Christianity Studies Minor, Islamic Studies Minor, or Judaic Studies Minor. The plan of study for each Independent Major must be submitted to the College of Arts and Sciences for final approval.

## Geography Course Offerings

Courses offered under the geography rubric are available only to students fulfilling requirements for the elementary education teaching minor in social studies. Students in other programs may register for these courses under the home department rubric as indicated below.

- GEO 1060 - Earth Science/Physical Geography (4)
- GEO 2000 - Global Human Systems (4)
- GEO 3000 - World Regional Geography (4)


## Programs and Concentrations

## Addiction Studies Concentration

The concentration in Addiction Studies provides students with the required knowledge and skills needed to pursue the Certified Addiction and Drug Counselor license for the State of Michigan and prepares students to work in the areas of substance abuse and addiction.

Addiction studies concentration-28 credits
Core classes
PHL 1300 - Introduction to Ethics (4)
PSY 1000 - Introduction to Psychology (4)
SOC 3230 - Alcohol, Drugs and Society (4)
SW 3112 - Substance Abuse Theory and Practice I (4)
SW 3212 - Substance Abuse Theory and Practice II (4)
Electives: choose two of the following
SW 2301 - Introduction to Social Work (4)
SW 4103 - Social Work Practice I (4) (for social work majors only)
SOC 2220 - Sociology of Mental Illness (4)
AN 3220 - Medical Anthropology (4)
CRJ 1100 - Introduction to Criminal Justice (4)
CRJ 3224 - Corrections and Rehabilitative Institutions (4)
PHL 3500 - Bioethics (4)
PSY 3450 - Health Psychology (4)

## Note

As a general rule, no more than eight credits of course work used to satisfy one major, minor, or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.

## American Studies Concentration

Coordinator: Jeffrey Insko

Executive Committee: Graham Cassano (Sociology), Todd A. Estes (History), Jeffrey Insko (English), Andrea Knutson (English), Kathleen Pfeiffer (English)

Affiliated Faculty: Daniel J. Clark (History), John Corso (Art History), David Dulio (Political Science), Joanne Lipson Freed (English), Diane Hartmus (Political Science), L. Bailey McDaniel (English), Karen A.J. Miller (History), Roger Larocca (Political Science), Teri Towner (Political Science)

The American studies concentration provides both a broad understanding of the American experience and an introduction to the practice of focused interdisciplinary study. The concentration is taken in addition to a departmental major. By electing departmental courses with an American focus in two or three areas outside the major and framing the concentration with two interdisciplinary American studies courses, students may expect to gain a coherent sense of the national experience and appreciate the various contributions of different academic disciplines.

Although not a vocationally directed program, the American studies concentration should be of particular interest to students preparing for careers in law, government and journalism, and those planning graduate work in American studies or any of its contributing disciplines.

The concentration requirements are listed below. Students interested in pursuing this concentration should file a plan of study with the coordinator.

Required courses
AMS 3000 - Topics in American Culture (4)
AMS 4998 - Senior Project (4)
One course in anthropology
One American history course at the 3000 level
Three electives from the list of recommended departmental electives, with no more than two taken from any one department's offerings and at least one representing a field or fields outside the student's major

Recommended departmental electives
Art and art history
AH 3430 - Art Since 1960 (4)
AH 3650 - American Art (4)

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AH 3651 - African-American Art (4)
AH 3652 - Michigan Architecture (4)
English
ENG 1500-Literature of Ethnic America (4)
ENG 3400 - Early American Literature (4)
ENG 3410 - American Literature 1820-1865 (4)
ENG 3420 - American Literature 1865-1920 (4)
ENG 3430-American Literature 1920-1950 (4)
ENG 3510 - Selected Ethnic Literature (4)
ENG 3520 - African American Literature (4)
ENG 3902-Issues in American Literature (4)
History
HST 1100 - Introduction to American History Before 1877 (4)
HST 1200 - Introduction to American History Since 1877 (4)
HST 2280 - History of the African-American People (4)
HST 3110 - History of the North American Colonies (4)
HST 3120 - The American Revolution (4)
HST 3125 - The U.S. Early National Period, 1787-1815 (4)
HST 3130- Jacksonian America (4)
HST 3135 - The Development of Political Practices in Early America (4)
HST 3140 - History of the American South (4)
HST 3145 - The Civil War and Reconstruction, 1850-1876 (4)
HST 3200 - American History, 1876-1900 (4)
HST 3202 - American History, 1900-1928 (4)
HST 3204 - American History, 1928-1945 (4)
HST 3225 - History of American Mass Media (4)
HST 3265 - Women in Modern America (4)
HST 3270 - History of American Cities (4)
HST 3275 - History of American Families (4)
HST 3285 - History of African-American Women (4)
HST 3288- Topics in African American History (4)
Music
MUS 1005 - Foundations of Rock (4)
MUS 1007 - Exploring Jazz (4)
Political science
PS 1100 - Introduction to American Politics (4)
PS 3020 - American Political Thought (4)
PS 3105 - Congress and the Legislative Process (4)
PS 3115 - The Judicial Process (4)
PS 3130-Local Government and Politics (4)
PS 3135 - State Politics (4)
PS 3160 - Media and Politics (4)
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PS 3165 - Elections and Voting Behavior (4)
PS 3170 - Political Campaigns (4)
PS 3205 - American Political Culture (4)
PS 3215 - The Politics of Race and Ethnicity (4)
PS 3255 - U.S. Constitutional Law (4)
PS 3260 - Civil Rights and Civil Liberties (4)
Sociology/anthropology
AN 3260 - Peoples and First Nations of North America (4)
AN 3450 - Archaeology of North America (4)
SOC 1000 - Introduction to Sociology (4)
SOC 2200 - Current Social Problems (4)
SOC 3220 - Social Welfare Policies (4)
SOC 3610 - Racial and Ethnic Relations (4)
SOC 3820 - Social Control of Mass Media (4)
Notes
Some 3000- and 4000-level topics courses offered by contributing departments may also be included in the concentration, with permission of the American studies coordinator.
Students majoring in anthropology or history should be aware that no more than 8 credits may be counted toward both the major and a concentration.
As a general rule, no more than eight credits of course work used to satisfy one major, minor or concentration may be applied toward another, but exceptions to this rule may be allowed with the written approval of the program coordinators.
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## Archaeology Concentration

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Coordinator: Suzanne M. Spencer Wood (Anthropology)
Committee: Jon Carroll (Anthropology), Leslie Cavell (Art History), Andrea Eis (Cinema Studies), Michael Pytlik (Anthropology), Suzanne M. Spencer-Wood (Anthropology), Richard B. Stamps (emeritus Anthropology), Susan E. Wood (Art History)
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The concentration in archaeology prepares students for graduate study in archaeology. It is also helpful for students interested in an interdisciplinary approach to human cultural development viewed from historical, aesthetic and scientific perspectives. A minimum of 28 credits is required for this program, distributed as follows.

## 1. Required courses

AH 1001 - History of Western Art, Prehistory through Medieval (4)
AN 1511 - Human and Cultural Evolution (4)
AN 3571 - Archaeological Methods and Theory (4)
2. One of the following

AH 3040 - Buddhist Art (4)
AH 3110 - Art of the Ancient Near East (4)
AH 3120 - Greek Art (4)
AH 3130 - Roman Art (4)
AH 3240 - Islamic Art (4)
AH 3800 - Museum Studies in Art History (4)
AN 3000 - Current Problems in Anthropology (4)
AN 3410 - Museum Studies in Archaeology (4)
AN 3430 - The Archaeology of Civilizations (4)
AN 3450 - Archaeology of North America (4)
AN 3560 - Historical Archaeology (4)
AN 3562 - Archaeology of Israel (4)
AN 3563 - Archaeology, Ideology and Sacred Sites in the Ancient Near East (4)
3. Eight credits in field methods

AN 3581 - Archaeological Field School (4 OR 8)
4. At least 4 elective credits selected from

An additional course chosen from requirement \#2 above
AH 3020 - Chinese Art (4)
AH 3220 - Early Medieval, Byzantine, and Romanesque Art (4)
HST 2600 - Introduction to Latin American History to 1825 (4)
HST 3110 - History of the North American Colonies (4)
HST 3710 - Ancient and "Medieval" African Civilizations (4)
HST 3310 - Ancient Greece and Rome (4)
PHY 1060 - Earth Science/Physical Geography (4)

## Note

Students are reminded that professional conservation work requires knowledge in botany and chemistry. New and special topics classes, where appropriate, may be petitioned to count toward graduation. Students wishing to enroll in the archaeology concentration should file a minor and concentration authorization form with the concentration coordinator.

## Environmental Studies Concentration

Coordinator: Linda Schweitzer (Chemistry)

The concentration in environmental studies introduces students to the newer interdisciplinary perspectives needed to address today's environmental problems. Short- and long-range implications of human activities are analyzed, with emphasis on the technical and scientific issues.

Requirements for the concentration are a minimum of 28 credits in a planned and approved program of advanced courses built on introductory work in biology, chemistry, mathematics and physics. Typically, the 28 credits would include:

Environmental studies concentration suggested coursework
Core course
ENV 3080 - Introduction to Environmental Studies (4)
Sixteen credits of coursework:
Sixteen credits of coursework at the 3000 level or above selected from at least three rubrics (including ENV).

Recommend courses outside ENV rubric include:

AN 3720 - Human Adaptation (4)
BIO 3330 - Ecology (5)
BIO 3332 - Field Biology (4)
BIO 3362 - Permaculture (4)
BIO 3312 - Field Botany (4)
CHM 4100 - Environmental Chemistry (3)
CHM 4120 - Atmospheric Chemistry (3)
CHM 4130 - Environmental Aquatic Chemistry (3)
PS 3305 - Public Administration (4)
PS 3310 - American Public Policy (4)
PS 3730-Global Environmental Governance (4)
AN 3133 - The Food Quest (4)

Additional Information
At least 16 credits must be in non-duplicative coursework with another major.

A Concentration/Minor Authorization Form with an approved set of courses must be filed at least two semesters prior to graduation. Consult the program coordinator for details about course sequences and scheduling. See course descriptions for ENV course offerings.

## French Studies Concentration

Coordinator: Stacey Hahn (French)

The concentration in French studies provides an interdisciplinary understanding of French culture for students not majoring in French. Courses in French language, literature, civilization, art history and history are required.

In addition to providing students with a well-rounded background in the area of French studies, this concentration is also useful to students planning graduate work in French history or art history.

The concentration offers selected courses from this catalog as warranted by student needs and availability of faculty. Specific offerings for each term may be found in the Schedule of Classes.

The concentration requires completion of a minimum of 28 credits, including 8 credits in French language and 20 credits in courses conducted in English as follows:

1. Eight credits of French language taken at Oakland University

Students must achieve minimally at the 2150 level. Students who place into FRH 2150 will take FRH 2150 and FRH 3140; if they place higher than FRH 2150, they will take FRH 3140 plus 4 credits in a higher level course.
2. Eight credits from the following courses

LIT 1810 - European Literature I (4)
LIT 1820 - European Literature II (4)
LIT 2905 - Studies in Foreign Film (4)
ML 3900 - Advanced Study of Topics Related to Foreign Languages and Cultures (2 OR 4)
LIT 3905 - Topics in Foreign Literature (4) when available
The courses listed above are conducted in English.
3. Eight credits from the following history courses

HST 3370 - Europe in the Seventeenth Century (4)
HST 3375 - Europe in the Eighteenth Century (4)
HST 3390 - Early Modern France (4)
Other topic courses in history may be substituted with permission of the concentration coordinator.
4. Four credits in art and art history selected from

AH 3230 - Gothic Art (4)
AH 3410 - Nineteenth-Century Art (4)
AH 3420 - Modern Art 1900-1960 (4)
Other topic courses in art history may be substituted with permission of the concentration coordinator.
5. Corequisite course selected from the following

HST 1300 - Introduction to European History Before 1715 (4)
HST 1400 - Introduction to European History Since 1715 (4)
Either course satisfies the general education requirement in the western civilization knowledge exploration area.

## Additional information

This concentration does not constitute a major. Students must elect a major from those offered by the university. Interested students should develop a program in consultation with the coordinator.

## Regression Policy

Students will not receive credit for a lower sequence course after successful completion of a more advanced level course. For example, students will not receive credit for FRH 1140 (or transfer course equivalent) if taken after successful completion of FRH 1150.

## Gerontology Concentration

The gerontology concentration is a multidisciplinary approach designed to provide students with indepth knowledge about the aging process and the skills needed to work with older adult as well as understand the psychological, social, economic and health/medical issues that older adults face. Students will be prepared for direct service roles with seniors and their caregivers in nursing homes, geriatric health and mental health centers, hospice, hospitals and long-term-care facilities, multipurpose senior centers, senior citizen social services, and retirement communities.

## 1. Required core courses

SW 3312 - Death and Dying (4)
SOC 3210 - Sociological Perspectives on Aging (4)
PSY 3230 - Adulthood and Aging (4) (SOC 2010 substituted for published course prerequisite for students with a declared a concentration in gerontology)
SOC 3430 - Sociology of Health and Medicine (4)
2. Three elective courses selected from

AN 3130 - The Life Course in Anthropological Perspective (4)
AN 3220 - Medical Anthropology (4)
CRJ 3360 - Crime and the Life Course (4)
SW/SOC/PSY/AN/CRJ special topic course in aging (must be reviewed and approved by a faculty adviser)

PHL 3500 - Bioethics (4)
PS 3340 - Public Policy and Health Care (4)
PSY 2250 - Introduction to Life-Span Developmental Psychology (4)
PSY 4979 - Seminar: Resilient Aging (4)
SW 2301 - Introduction to Social Work (4)
SW 3201 - Human Behavior and Social Environment (4)
SW 3302 - Social Welfare Policies (4)

## Pre-Law Studies

Oakland University does not offer a major or concentration in pre-law studies. Consequently, students planning to attend law school after graduation must select a major in addition to the pre-professional studies designation, pre-law studies. Students should choose a major in which they have both interest and aptitude; the particular major is less important for admission to law school than the overall success in courses chosen. Success is generally measured by the cumulative grade point average and the score on the Law School Admission Test (LSAT).

Rather than mastery of any particular subject matter, law schools require that incoming students possess certain basic skills. These skills include critical reasoning and the ability to write and speak in a coherent and precise manner. Students are advised to select rigorous course work aimed at developing strong reading, writing and reasoning skills; and to plan undergraduate course work with an eye toward long-term plans within the legal profession. Because there is no set of specific courses necessary for admission to, or success in, American law schools, there is no formal pre-law curriculum at Oakland University. Students are directed to consider courses in three categories as described below and to choose courses that they believe will help them to develop skills or acquire knowledge that may be beneficial during or after law school. None of these courses are required or necessarily recommended for all prelaw students.

1. Development of fundamental abilities of reasoning and written communication

Although most introductory courses in all of the liberal arts disciplines serve this purpose, particularly relevant courses are

LIN 2207 - Meaning in Language (4)
PHL 1000 - Introduction to Logic (4)
PHL 1300 - Introduction to Ethics (4)
WRT 4908 - Special Topics in Professional Writing (4)
2. Oral communication

COM 2000 - Public Speaking (4)
COM 3200 - Persuasion (4)
COM 2201 - Argumentation and Debate (4)
THA 1004 - Acting for Non-Theatre Majors (2)
3. Law in relationship to other disciplines

ECN 3780 - Economic Analysis of Law (3)
ENV 4610 - Environmental Law and Policies (3)
JRN 4030 - Media Law (4)
MGT 3500 - Legal Environment of Business (3)
PHL 3510 - Ethics in Business (4)
PHL 3500 - Bioethics (4)
PHL 3120 - Philosophy of Law (4)
PS 3255 - U.S. Constitutional Law (4)
PS 3260 - Civil Rights and Civil Liberties (4)
PS 3115 - The Judicial Process (4)
PS 3265 - Gender Discrimination and the Supreme Court (4)
PS 3250 - Law and Politics (4)
SOC 3460 - Law and Society (4) or AN 3230 - Law and Society (4)
SOC 3850 - Criminal Law and the Courts (4) or CRJ 3229 - Criminal Law and the Courts (4)

## Additional information

Students are cautioned against overemphasizing law-related courses in their undergraduate training. Law schools virtually never give credit for these courses, either for placement or graduation, and are inclined to believe an education featuring these courses to be too narrow in scope. Undergraduate education is a distinct and vital part of one's professional training and should never be regarded simply as a way station before beginning one's "real" work. It must be emphasized that none of the courses listed here are required of, or restricted to, pre-law students.

Students interested in a career in law should view the pre-law website before meeting with an academic adviser to discuss any unanswered questions. Advising is available through either the

College of Arts and Sciences Advising Office or Diane Hartmus in the Department of Political Science.

## Pre-Medical Studies

Students who plan to attend medical school upon graduation and who entered the college in the premedical studies curriculum must select a major in addition to this pre-medical studies designation. Students planning a career in the medical professions (medicine, dentistry, optometry and veterinary medicine) will find that a major in biology, biochemistry, biomedical sciences, or chemistry, combined with the Concentration in Pre-Medical Studies, provides excellent preparation for admission to the various medical schools in Michigan and elsewhere.

Students should consult with any of the faculty listed with the pre-medical concentration, or with an adviser in the College of Arts and Sciences Advising Office for assistance in planning their programs.

## Pre-Medical Studies: Medicine, Dentistry, Optometry and Veterinary Medicine Concentration

Pre-professional adviser: Carmen Gamlin

Pre-Medical Studies Concentration Adviser: Keith Berven

Academic Advising: Interested students should consult with the Pre-Medical Advising Office, the College of Arts and Sciences Advising Office or a Department Biological Sciences faculty adviser for counseling and assistance in planning their academic programs.

The concentration in pre-medical studies is intended for students who wish to pursue careers in medicine, dentistry, optometry or veterinary medicine. The Bachelor of Science degree with a major in biology provides students with all the requirements for a concentration in pre-medical studies. Students in the Bachelor of Arts degree program will need to complete two semesters of organic chemistry and laboratory in addition to their other science requirements. Students are expected to complete a concentration consisting of the following:

1. At least 24-25 credits of biology
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Includes some laboratories and the required biology sequence (BIO 1200, BIO 1300, BIO 1201) and at
least three of the following
Cell Biology
BIO 3210-Biology of the Cell (4)
BIO 3211 - Biology of the Cell Laboratory (1)
Genetics
BIO 3400-Genetics (4)
BIO 3401 - Genetics Laboratory (1)
Physiology
BIO 2600-Human Physiology (4)
or
BIO 3620 - Medical Physiology (4) and BIO 3621 - Physiology Laboratory (1)
Biochemistry
BIO 3232-Biochemistry I (4) or CHM 4254-Biochemistry I (3)
BIO 3233-Biochemistry I Laboratory (1) or CHM 4257 - Biochemistry Laboratory (3)
BIO 4232 - Biochemistry II (4) or CHM 4256 Biochemistry II (3)
Developmental biology
BIO 3130 - Developmental Biology (4)
Microbiology
BIO 3500-General Microbiology (4)
BIO 3501 - General Microbiology Laboratory (1)
2. Chemistry requirements
CHM 1440-General Chemistry I (4) and CHM 1470-General Chemistry Laboratory I (1)
CHM 1450 - General Chemistry II (4) and CHM 1480-General Chemistry Laboratory II (1)
CHM 2340-Organic Chemistry I (4)
CHM 2350-Organic Chemistry II (4)
CHM 2370-Organic Chemistry Laboratory (2)
3. Physics requirements
PHY 1010-General Physics I (4) or PHY 1510 - Introductory Physics I (4)
PHY 1100-General Physics Lab I (1)
PHY 1020-General Physics II (4) or PHY 1520 - Introductory Physics II (4)
PHY 1110-General Physics Lab II (1)
4. Mathematics requirements
MTH 1441 - Precalculus (4) (or MTH 1331 and MTH 1332)
(or course competency as determined by the Department of Mathematics and Statistics)
Plus one of the following
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MTH 1222 - Calculus for the Social Sciences (4)
MTH 1554 - Calculus I (4)
STA 2220 - Introduction to Statistical Concepts and Reasoning (4)
STA 2226 - Applied Probability and Statistics (4)
STA 2222 - Statistical Methods for Biology (4)

## Note

Pre-optometry concentration students must take 12 credits of mathematics including one statistics course (STA 2220, STA 2226, or STA 2222). Pre-medical concentration students are advised to take two courses in the behavioral/social sciences (PSY 1000 and SOC 1000 recommended) and one in ethics (PHL 1300 or PHL 1310 recommended).

## Additional information

The concentration provides the minimum requirements for admission to various medical, osteopathic, dental, optometry and veterinary schools, and provides the necessary background for the science portion of the standardized aptitude tests: medical (MCAT), dental (DAT), optometry (OAT) and veterinary (VCAT or GRE). This concentration does not constitute a major. Students must elect a major from those offered by the university.

## Religious Studies Concentration

This concentration offers a structured program of study that explores and examines the human religious experience through its core beliefs and defining practices. While a number of methods common to the liberal arts tradition are employed throughout the various courses offered, focus typically is interdisciplinary, delving into the cultural, literary, and historical dimensions of religious life and thought. This concentration may not be taken conjointly with one of the minors listed below. However, it may be taken conjointly with a full major in any other department of the College of Arts and Sciences.

Working with the program director, students may construct a 40-credit course of study to major in Religious Studies Concentration, while incorporating the particular interests of each participating student. The Independent Major may not be pursued conjointly with any of the three minor fields of study listed below. The plan of study for each Independent Major must be submitted to the College of Arts and Sciences for final approval.

A minimum of 28 credits is required for the concentration in religious studies, distributed as follows:

1. One course selected from

REL 1100 - Introduction to Religion (4)
REL 1850 - World Religious Traditions (4)
2. Core studies - two courses selected from

REL 2100 - Basic Religious Writings (4)
REL 3410 - American Religious Experience (4)

REL 3140 - Religion in the Modern World (4)
REL 3750 - Science and Religion (4)
3. Field-related studies - four courses selected from at least three of the following five fields Art
AH 1003 - Arts of Asia and the Islamic World (4)
AH 3110 - Art of the Ancient Near East (4)
AH 3220 - Early Medieval, Byzantine, and Romanesque Art (4)
AH 3230 - Gothic Art (4)
History
HST 3290 - History of Religions in the U.S. (4)
HST 3320-The Middle Ages, 300-1100 (4)
HST 3345 - The Reformation (4)
HST 3540 - The Arab-Israeli Conflict (4)
REL 3900 - Special Topics in Religious Studies (4)
Literature
ENG 3660 - Classical Mythology (4)
Philosophy
PHL 2210 - Medieval Philosophy (4)
REL 3120 - Philosophy of Religion (4) or PHL 3150 - Philosophy of Religion (4)
PHL 3155 - Philosophies and Religions of Asia (4)
Social Science
AN 3123 - Magic, Witchcraft and Religion (4)
PSY 4974 - Seminar in Individual Differences and Personality Psychology (4) (only when special topic is religion)

## Urban Studies Concentration

Committee: De Witt S. Dykes (History), Oded Izraeli (Economics)

The urban studies concentration is designed to provide a comprehensive interdisciplinary understanding of modern urban civilization and to develop an appreciation of some of the problems and policy issues confronting contemporary American urban communities. It is also designed to introduce some of the technical skills that are a prerequisite to the successful pursuit of career opportunities in a variety of urban-oriented public and private service or administrative organizations.

The concentration provides a carefully selected group of required core courses drawn from several departments, allows a relatively broad choice of electives and provides an interdisciplinary seminar designed to help integrate the knowledge and skills acquired in the program.

Students wishing to pursue the concentration in urban studies must submit an advising plan to the concentration adviser and make application to the concentration coordinator to be admitted to the program. One course in statistics and/or methodology offered by a social science department or a
statistics course offered by the Department of Mathematical Sciences is a prerequisite to the program. To earn the urban studies concentration, students must complete a minimum of 28 credits, distributed as follows:

1. Core - three of the following four courses

ECN 3090 - State and Local Public Finance (3)
HST 3270 - History of American Cities (4)
PS 3130 - Local Government and Politics (4)
SOC 3640 - Urban and Community Sociology (4)
2. Electives - four of the following courses

None of the courses may overlap with courses in the student's major and no more than two courses may be taken in a single department.

AH 3440 - Modern Architecture and Urban Design (4)
HRD 3520 - Career Development (4)
HST 3230 - American Labor History (4)
PS 3135 - State Politics (4)
PS 3305 - Public Administration (4)
PS 3310 - American Public Policy (4)
SOC 3220 - Social Welfare Policies (4)
SOC 3610 - Racial and Ethnic Relations (4)

## 3. Internship

Although an urban internship or field experience is not required as part of the concentration, it is strongly suggested that students complete such a course in their major department or another program in the university.

